ELCR-1005 Soldering Technology

COURSE SYLLABUS
ONLINE
Summer Semester 2021 (202116)

COURSE INFORMATION
Credit Hours/Minutes: 1 Hour/1500 Minutes
Campus/Class Location: Georgia Virtual Technical Connection (GVTC)/Blackboard
Class Meets: Via Internet for 9 weeks
Course Reference Number (CRN): 60184
Preferred Method of Contact: Email and Text to Instructor

INSTRUCTOR CONTACT INFORMATION
Instructor Name: William Greene
Office Location: Gillis Building, Room 822, Vidalia Campus
Office Hours: By Appointment Only
Email Address: William Greene (wgreene@southeasterntech.edu)
Phone: (912) 538-3102
Fax Number: (912) 538-3106

SOUTHEASTERN TECHNICAL COLLEGE'S (STC) CATALOG AND HANDBOOK
Students are responsible for all policies and procedures and all other information included in Southeastern Technical College's Catalog and Handbook (https://catalog.southeasterntech.edu/college-catalog/downloads/current.pdf).

REQUIRED TEXT, SUPPLIES AND SOFTWARE

No Text Required for this course

Soldering Kit
Please contact the STC Campus Shop
(912) 538-3129

Note: Although students can use their smart phones and tablets to access their online course(s), exams, discussions, assignments, and other graded activities should be performed on a personal computer. Neither Blackboard nor GVTC provide technical support for issues relating to the use of a smart phone or tablet so students are advised to not rely on these devices to take an online course. Students should not share login credentials with others and should change passwords periodically to maintain security.

COURSE DESCRIPTION
Develops the ability to solder and desolder connectors, components, and printed circuit boards using industry standards. Topics include: safety practices, soldering, desoldering, anti-static grounding, and surface mount techniques.

MAJOR COURSE COMPETENCIES / COURSE OUTLINE
1. Safety Practices
2. Soldering
3. Desoldering
4. Anti-Static Grounding
5. Surface Mount Techniques

PREREQUISITE(S)
Provisional Admission

GENERAL EDUCATION CORE COMPETENCIES
Southeastern Technical College has identified the following general education core competencies that graduates will attain:

1. The ability to utilize standard written English.
2. The ability to solve practical mathematical problems.
3. The ability to read, analyze, and interpret information.

STUDENT REQUIREMENTS (ONLINE)
Students are expected to complete all tests and comprehensive projects by the due dates listed in the Lesson Plan. A ten point penalty will be assessed for each day a test or comprehensive project is late. Tests are made available for several days; therefore, there are no makeup tests. Students who miss a test will be assigned a grade of zero. All online students must pledge that they have read and understand the STC Online Orientation within the first five days of class. Online students are responsible for checking e-mails and Blackboard announcements DAILY.

Students are expected to prove weekly academic engagement by meeting assignment deadlines each week and spending a minimum of 30 hours during the semester doing the required reading, soldering projects, and tests. Students are expected to communicate frequently through college email and discussion boards. College email is accessed at https://portal.office.com, under Quick links on our webpage, or in the menu of our Blackboard course.

COVID-19 MASK REQUIREMENT
Masks or face coverings must be worn at all times while on the campus of Southeastern Technical College. This measure is being implemented to reduce COVID-19 related health risks for everyone engaged in the educational process. Masks or face coverings must be worn over the nose and mouth, in accordance with the Centers for Disease Control and Prevention (CDC). A student's refusal to wear a mask or face covering will be considered a classroom disruption and the student may be asked to leave campus and/or receive further discipline.

COVID-19 SIGNS AND SYMPTOMS
We encourage individuals to monitor for the signs and symptoms of COVID-19 prior to coming on campus.

If you have experienced the symptoms listed below or have a body temperature 100.4°F or higher, we encourage you to self-quarantine at home and contact a primary care physician's office, local urgent care facility, or health department for further direction. Please notify your instructor(s) by email and do not come on campus for any reason.

COVID-19 Key Symptoms
Fever or felt feverish
Cough: new or worsening, not attributed to another health condition
Shortness of breath, not attributed to another health condition
New loss of taste or smell
Chills; Repeated shaking with chills
Sore throat, not attributed to another health condition
Muscle pain, not attributed to another health condition or exercise
Headache, not attributed to another health condition
Diarrhea (unless due to known cause)
In the past 14 days, if you:
Have had close contact with or are caring for an individual diagnosed with COVD-19 at home (not in healthcare setting), please do not come on campus and contact your instructor (s).

COVID-19 SELF-REPORTING REQUIREMENT

Students, who test positive for COVID-19 or who have been exposed to a COVID-19 positive person, are required to self-report using the COVID_19 Health Reporting Form https://bit.ly/2Xq4g0f. Report all positive cases of COVID-19 to your instructor and Stephannie Waters, Exposure Control Coordinator, swaters@southeasterntech.edu, 912-538-3195.

ONLINE ATTENDANCE

It is the student's responsibility to be academically engaged each week doing course related activities. The completion dates of these activities will be used to determine a student's last date of attendance in the event a student withdraws, stops attending, or receives an "F" (Failing 0-59) in a course.

Students will not be withdrawn by an instructor for attendance; however, all instructors will keep records of graded assignments and student participation in course activities. Students will be expected to complete all work required by the instructor as described in the individual course syllabus and lesson plan.

Students will have at least one week to complete tests and assignments. All tests and assignments are due by the date listed in the lesson plan. Exceptions to the due dates of assignments due to jury duty, military duty, court duty, or required job training will be made at the discretion of the instructor.

STUDENTS WITH DISABILITIES

Students with disabilities who believe that they may need accommodations in this class based on the impact of a disability are encouraged to contact the appropriate campus coordinator to request services.

Swainsboro and Vidalia Campus:
Helen Thomas hthomas@southeasterntech.edu, 912-538-3126, Building A, Room 165

SPECIFIC ABSENCES

Provisions for Instructional Time missed because of documented absences due to jury duty, military duty, court duty, or required job training will be made at the discretion of the instructor.

PREGNANCY

Southeastern Technical College does not discriminate on the basis of pregnancy. However, we can offer

accommodations to students who are pregnant that need special consideration to successfully complete the course. If you think you will need accommodations due to pregnancy, please make arrangements with the appropriate campus coordinator.

Swainsboro and Vidalia Campus:
[Helen Thomas](mailto:hthomas@southeasterntech.edu) hthomas@southeasterntech.edu, 912-538-3126, Building A, Room 165

It is strongly encouraged that requests for consideration be made **PRIOR** to delivery and early enough in the pregnancy to ensure that all the required documentation is secured before the absence occurs. Requests made after delivery **MAY NOT** be accommodated. The coordinator will contact your instructor to discuss accommodations when all required documentation has been received. The instructor will then discuss a plan with you to make up missed assignments.

WITHDRAWAL PROCEDURE
Students wishing to officially withdraw from a course(s) or all courses after the drop/add period and prior to the 65% point of the term in which student is enrolled (date will be posted on the school calendar) must speak with a Career Counselor in Student Affairs and complete a Student Withdrawal Form. A grade of "W" is assigned for the course(s) when the student completes the withdrawal form.

Important – Student-initiated withdrawals are not allowed after the 65% point. After the 65% point of the term in which student is enrolled, the student has earned the right to a letter grade and will receive a grade for the course. Please note: Abandoning a course(s) instead of following official withdrawal procedures may result in a grade of 'F' being assigned.

Informing your instructor that you will not return to his/her course, does not satisfy the approved withdrawal procedure outlined above.

There is no refund for partial reduction of hours. Withdrawals may affect students' eligibility for financial aid for the current semester and in the future, so a student must also speak with a representative of the Financial Aid Office to determine any financial penalties that may be accessed due to the withdrawal. A grade of 'W' will count in attempted hour calculations for the purpose of Financial Aid.

Online Proctored Event Withdrawals
Students who do not complete the proctored event on the scheduled date and do not present a valid documented excuse within three business days of the scheduled event will be given a zero for the proctored event.

PROCTORED EVENT REQUIREMENT
In order to validate student identity for all online courses, students enrolled in online courses are **required** to complete one proctored event per online course. The proctored event will be administered on separate days—once on the Vidalia campus and once on the Swainsboro campus. Students must attend one of the proctored sessions as scheduled on the Lesson Plan/Course Calendar. The event will be monitored by the instructor or by an approved proctor. The proctored event may be a major exam, assignment, or presentation, etc. that will count a minimum of 20% of the course grade. Students must attend one of the scheduled proctored sessions and will need to make arrangements with work, childcare, etc. The specific dates of the proctored event are scheduled on the Lesson Plan/Calendar for the online course.

Students living farther than 75 miles from either campus who cannot come to Southeastern Tech for the event must secure an approved proctoring site. The site and the proctor must meet Southeastern Technical College's requirements (instructor will provide more information and necessary forms if this is the case). Note: Students taking proctored events off campus will utilize the Proctor Scheduling and Approval Form found in Blackboard within the Getting Started/Start Here and Proctoring Event area. The

completed form should be submitted to the course instructor a minimum of two weeks prior to the proctored event. If approved, the instructor will notify the proctor.

Students arranging off-campus proctoring must take the event on one of the originally scheduled days. Students who do not complete the proctored event as scheduled must submit a valid documented excuse within three business days after the scheduled event. If the excuse is approved by the instructor of the course, students must make arrangements with the instructor to makeup/reschedule the missed event. The penalty and makeup instructions will be at the instructor's discretion. Proctored events will be given after the 65% point of the semester. **Students who do not complete the proctored event on the scheduled date(s) and do not present a valid documented excuse within three business days of the scheduled event will be given a zero for the proctored event.**

The required event for this class is scheduled for **July 14th, 2021** at 9:00 AM and, **July 15th, 2021** at 1:00 PM.

MAKEUP GUIDELINES (TESTS, QUIZZES, HOMEWORK, PROJECTS, ETC.)
Students are required to take all tests and complete all assignments scheduled during the semester. Failure to take Tests/Exam(s) and complete assignments will result in a grade of zero. There will be no makeup of assignments or EXAMS. If Internet or browser failure occurs, contact instructor immediately. A decision will be made at that time if the exam will be reset. Instructor reserves the right to deduct points from the exam scores for exceeding the scheduled time limit on the exam and/or requiring student to come to campus to take the final exam. Note: If student notifies instructor about exam problems because of technical issues after the due date or on the last day of the semester, the student will NOT be allowed to make-up the exam. No exceptions! Assignments must be turned in on the assigned date and will not be accepted late, a grade of zero will be given. ALL Assignments are due according to the lesson plan.

ACADEMIC DISHONESTY POLICY
The Southeastern Technical College Academic Dishonesty Policy states that all forms of academic dishonesty, including but not limited to cheating on tests, plagiarism, collusion, and falsification of information, will call for discipline. The policy can also be found in the Southeastern Technical College Catalog and Handbook.

PROCEDURE FOR ACADEMIC MISCONDUCT
The procedure for dealing with academic misconduct and dishonesty is as follows:

1. **First Offense**
   Student will be assigned a grade of "0" for the test or assignment. Instructor keeps a record in course/program files and notes as first offense. The instructor will notify the student's program advisor, academic dean, and the Registrar at the student's home campus. The Registrar will input the incident into Banner for tracking purposes.
2. **Second Offense**
   Student is given a grade of "WF" (Withdrawn Failing) for the course in which offense occurs. The instructor will notify the student's program advisor, academic dean, and the Registrar at the student's home campus indicating a "WF" has been issued as a result of second offense. The Registrar will input the incident into Banner for tracking purposes.
3. **Third Offense**
   Student is given a grade of "WF" for the course in which the offense occurs. The instructor will notify the student's program advisor, academic dean, and the Registrar at the student's home campus indicating a "WF" has been issued as a result of third offense. The Vice President for Student Affairs, or designee, will notify the student of suspension from college for a specified period of time. The Registrar will input the incident into Banner for tracking purposes.

STATEMENT OF NON-DISCRIMINATION

The Technical College System of Georgia (TCSG) and its constituent Technical Colleges do not discriminate on the basis of race, color, creed, national or ethnic origin, gender, religion, disability, age, political affiliation or belief, genetic information, disabled veteran, veteran of the Vietnam Era, spouse of military member, or citizenship status (except in those special circumstances permitted or mandated by law). This nondiscrimination policy encompasses the operation of all technical college-administered programs, federally financed programs, educational programs and activities involving admissions, scholarships and loans, student life, and athletics. It also applies to the recruitment and employment of personnel and contracting for goods and services.

All work and campus environments shall be free from unlawful forms of discrimination, harassment and retaliation as outlined under Title IX of the Educational Amendments of 1972, Title VI and Title VII of the Civil Rights Act of 1964, as amended, the Age Discrimination in Employment Act of 1967, as amended, Executive Order 11246, as amended, the Vietnam Era Veterans Readjustment Act of 1974, as amended, Section 504 of the Rehabilitation Act of 1973, as amended, the Americans With Disabilities Act of 1990, as amended, the Equal Pay Act, Lilly Ledbetter Fair Pay Act of 2009, the Georgia Fair Employment Act of 1978, as amended, the Immigration Reform and Control Act of 1986, the Genetic Information Nondiscrimination Act of 2008, the Workforce Investment Act of 1998 and other related mandates under TCSG Policy, federal or state statutes.

The Technical College System and Technical Colleges shall promote the realization of equal opportunity through a positive continuing program of specific practices designed to ensure the full realization of equal opportunity.

The following individuals have been designated to handle inquiries regarding the nondiscrimination policies:

American With Disabilities Act (ADA)/Section 504 - Equity- Title IX (Students) – Office of Civil Rights (OCR) Compliance Officer	Title VI - Title IX (Employees) – Equal Employment Opportunity Commission (EEOC) Officer
Helen Thomas, Special Needs Specialist Vidalia Campus 3001 East 1st Street, Vidalia Office 165 Phone: 912-538-3126 Email: Helen Thomas hthomas@southeasterntech.edu	Lanie Jonas, Director of Human Resources Vidalia Campus 3001 East 1st Street, Vidalia Office 138-B Phone: 912-538-3230 Email: Lanie Jonas ljonas@southeasterntech.edu

ACCESSIBILITY STATEMENT

Southeastern Technical College is committed to making course content accessible to individuals to comply with the requirements of Section 508 of the Rehabilitation Act of Americans with Disabilities Act (ADA). If you find a problem that prevents access, please contact the course instructor.

GRIEVANCE PROCEDURES

Grievance procedures can be found in the Catalog and Handbook located on Southeastern Technical College's website.

ACCESS TO TECHNOLOGY

Students can now access Blackboard, Remote Lab Access, Student Email, Library Databases (Galileo), and BannerWeb via the mySTC portal or by clicking the Current Students link on the Southeastern Technical College (STC) Website (www.southeasterntech.edu).

TECHNICAL COLLEGE SYSTEM OF GEORGIA (TCSG) GUARANTEE/WARRANTY STATEMENT

The Technical College System of Georgia guarantees employers that graduates of State Technical Colleges shall possess skills and knowledge as prescribed by State Curriculum Standards. Should any graduate employee within two years of graduation be deemed lacking in said skills, that student shall be retrained in any State Technical College at no charge for instructional costs to either the student or the employer.

GRADING POLICY

Assessment/Assignment	Percentage
Solder Projects	55%
Discussion Boards	10%
Midterm Exam	15%
Final Exam (Proctored)	20%

GRADING SCALE

Letter Grade	Range
A	90-100
B	80-89
C	70-79
D	60-69
F	0-59

ELCR 1005 DISCUSSION BOARD GRADING RUBRIC

Criteria	Grade Level 1 (0%)	Grade Level 2 (70%)	Grade Level 3 (100%)
Student Post to Discussion Board (50% Weighting)	0 points Student did not post to the Discussion Board -OR- Student post has at least 3 of the following: * Grammatical, spelling, or punctuation errors. * Less than four sentences. * Does not address all questions posed.	35 points Student post has at least 2 of the following: * Grammatical, spelling, or punctuation errors. * Less than four sentences. * Does not address all questions posed.	50 points Student post contains 4 or more sentences and addresses all questions. Student post has no more than 1 grammatical, spelling, or punctuation error.
Student Reply to Another Student (50% Weighting)	0 points Student did not reply to another student post. -OR- Student reply has at least 2 of the following: * Grammatical, spelling, or punctuation errors. * Less than three sentences.	35 points Student reply has at least 1 of the following: * Grammatical, spelling, or punctuation errors. * Less than three sentences. * Does not address all questions posed.	50 points Student reply contains 3 or more sentences. Student post has no grammatical, spelling, or punctuation errors.

ELCR-1005 Soldering Technology
Online
Summer Semester 2021 (202116) Lesson Plan

WEEK 1

Date	Chapter / Lesson	Content	Assignments & Tests Due Dates	Competency Area
May 17	1	Online Course Orientation (The Soldering Kit from the Bookstore contains the three soldering projects you will need to complete for this course. It does not include a solder iron, solder, flux, etc.)	LOG ON TO BLACKBOARD Navigate to the ELCR 1005 Course Read the ANNOUNCEMENTS Follow all instructions POST to appropriate Message Boards Complete the Online Orientation Quiz under Blackboard Orientation Purchase Soldering Kit from Bookstore	1,a,c
May 18	1	Reading Assignment – Introduction Reading Assignment – Foreword (Reading Assignments are located in the Assignments folder under the Course Work Tab)	Read the Introduction and the Foreword (Print or save this info for future reference) POST to Discussion Board #1	1,2,4,a,c
May 19	1	Procedures – Basic Procedures (Procedures are located in the Assignments folder under the Course Work Tab) Take notes while watching the videos for this course to use to study for the exams.	Read all the content under the Basic Procedures folder. (Print or save this info for future reference) Watch Video: Basic Soldering Part 1 Watch Video: Basic Soldering Part 2 Watch Video: Basic Soldering Part 3	1,2,4,a,c
May 20	1	Procedures – Base Board Procedures	Read all the content under the Base Board Procedures folder.	1,2,4,a,c

WEEK 2

Date	Chapter / Lesson	Content	Assignments & Tests Due Dates	Competency Area
May 24	1	This weekly e-mail should contain the following information: - You have purchased the Soldering Kit - You have/have not received the Kit - Where you will do your project work, STC or other Procedures – Conductor Procedures	E-mail your weekly project status William Greene (wgreene@southeasterntech.edu) REPLY to Discussion Board #1 POST to Discussion Board #2 Read all the content under the Conductor Procedures folder.	1,2,4,a,c
May 25	1	Procedures – Plated Hole Procedures	Read all the content under the Plated Hole Procedures folder.	1,2,4,a,c
May 26	1	Procedures – Jumper Wires and Component Modification Procedures	Read all the content under the Jumper Wires and Component Modification Procedures. Watch Video: Basic Soldering Part 4 Watch Video: Basic Soldering Part 5 Watch Video: Basic Soldering Part 6	1,2,4,a,c
May 27	1	Soldering Skills – Soldering Basics 7.1.1 (Soldering Skills are in the Assignments folder under the Course Work Tab)	Read 7.1.1 under the Soldering Skills folder.	1,2,3,a,c

WEEK 3

Date	Chapter / Lesson	Content	Assignments & Tests Due Dates	Competency Area
May 31		**HOLIDAY – Memorial Day**	**HOLIDAY – Memorial Day**	
June 1	1	This weekly e-mail should contain any updates or change to the last weekly e-mail. Soldering Skills Preparation For Soldering and Component Removal 7.1.2	E-mail your weekly project status William Greene (wgreene@southeasterntech.edu) Read 7.1.2 under the Soldering Skills folder. REPLY to Discussion Board #2 POST to Discussion Board #3	1-3,a,c
June 2	1,2	Soldering Skills Solder Joint Acceptance Criteria 7.1.3 Soldering Skills Soldering Through-Hole Components, Point-To-Point Method 7.2.1	Read 7.1.3 under the Soldering Skills folder. Read 7.2.1 under the Soldering Skills folder. Watch Video: Basic Soldering Part 7 Watch Video: Basic Soldering Part 8 Watch Video: Basic Soldering Part 9	2,a,c
June 3	1,2	Soldering Skills Soldering Through-Hole Components, Solder Fountain Method 7.2.2 Soldering Skills Soldering Surface-Mount Components, Point-To-Point Method 7.3.1 START Solder Project #1 Deluxe Learn to Solder Kit	Read 7.2.2 under the Soldering Skills folder. Read 7.3.1 under the Soldering Skills folder. START Solder Project #1 Deluxe Learn to Solder Kit	2,a,c
June 7	1,3	Soldering Skills Soldering Surface-Mount Components, Hot Gas Method 7.3.2	Read 7.3.2 under the Soldering Skills folder.	2,a,c

WEEK 4

Date	Chapter / Lesson	Content	Assignments & Tests Due Dates	Competency Area
June 8	1,3	This weekly e-mail should verify you have started your first project. Soldering Skills Soldering Surface-Mount J-Lead Components, Point-To-Point Method 7.4.1 Soldering Skills Soldering Surface-Mount J-Lead Components, Continuous Flow Method 7.4.2	E-mail your weekly project status William Greene (wgreene@southeasterntech.edu) Read 7.4.1 under the Soldering Skills folder. Read 7.4.2 under the Soldering Skills folder. REPLY to Discussion Board #3 POST to Discussion Board #4	2,a,c
June 9	1,3	Soldering Skills Soldering Surface-Mount J-Lead Components, Hot Gas Method 7.4.3 Soldering Skills Soldering Surface-Mount Gull Wing Components, Point-To-Point Method 7.5.1	Read 7.4.3 under the Soldering Skills folder. Read 7.5.1 under the Soldering Skills folder. TURN IN Solder Project #1 Watch Video: Rework and Repair - Introduction Watch Video: Rework and Repair – Component Removal Watch Video: Rework and Repair – Solder Extraction with a Vacuum	5,a,c
June 10	1,3	START Solder Project #2 Deluxe SMD Learn to Solder Kit	START Solder Project #2 Deluxe SMD Learn to Solder Kit	1,2,5,a,c
June 14	1,2,3	Soldering Skills Soldering Surface-Mount Gull Wing Components, Continuous Flow Method 7.5.2 Soldering Skills Soldering Surface-Mount Gull Wing Components, Hot Gas Method 7.5.3	Read 7.5.2 under the Soldering Skills folder. Read 7.5.3 under the Soldering Skills folder.	1,2,4,5,a,c

WEEK 5

Date	Chapter / Lesson	Content	Assignments & Tests Due Dates	Competency Area
June 15	1,2,3	Review for Mid-Term Exam	Review for Mid-Term Exam REPLY to Discussion Board #4 POST to Discussion Board #5	1,2,4,5,a,c
June 16	1,2,3	This weekly e-mail should verify you have started your second project. Mid-Term Exam	E-mail your weekly project status [William Greene](wgreene@southeasterntech.edu) (wgreene@southeasterntech.edu) Do Mid-Term Exam on BLACKBOARD Watch Video: Rework and Repair – Elements of Construction	1,2,4,5,a,c
June 17	1,2,3,4	**MIDTERM** Rework Skills Component Removal of Through-Hole Components, Vacuum Method 8.1.1 (Rework Skills are in the Assignments folder under the Course Work Tab)	**MIDTERM** Read 8.1.1 under the Rework Skills folder.	1,3,a,c
June 21	1,2,3,4	Rework Skills Component Removal of Through-Hole Components, Solder Fountain Method 8.1.2 START Solder Project #3 AM/FM Radio Kit	Read 8.1.2 under the Rework Skills folder. TURN IN Solder Project #2 START Solder Project #3 AM/FM Radio Kit	1,2,3,4,a,c

WEEK 6

Date	Chapter / Lesson	Content	Assignments & Tests Due Dates	Competency Area
June 22	1,2,3,4	This weekly e-mail should verify you have started your third project. Rework Skills Component Removal of Surface-Mount Components, Forked Tip Method 8.2.1	E-mail your weekly project status William Greene (wgreene@southeasterntech.edu) Read 8.2.1 under the Rework Skills folder. REPLY to Discussion Board #5 POST to Discussion Board #6	3,a,c
June 23	1,2,3,4	Rework Skills Component Removal of Surface-Mount Components, Hot Tweezer Method 8.2.2	Read 8.2.2 under the Rework Skills folder.	3,a,c
June 24	1,2,3,4	Rework Skills Component Removal of Surface-Mount J-Lead Components, Conduction Method 8.3.1	Read 8.3.1 under the Rework Skills folder.	3,a,c
June 28	1,2,3,4	Rework Skills Component Removal of Surface-Mount J-Lead Components, Hot Gas/Air Method 8.3.2 **65% Semester Point** Last day to withdraw w/o penalty	Read 8.3.2 under the Rework Skills folder. **65% Semester Point** Last day to withdraw w/o penalty	3,a,c

WEEK 7

Date	Chapter / Lesson	Content	Assignments & Tests Due Dates	Competency Area
June 29	1,2,3,4	This weekly e-mail should update your status of your third project. Rework Skills Component Removal of Surface-Mount Gull Wing Components, Conduction Method 8.4.1	E-mail your weekly project status William Greene (wgreene@southeasterntech.edu) (which step you are on, issues, etc.) Read 8.4.1 under the Rework Skills folder. REPLY to Discussion Board #6 POST to Discussion Board #7	3,a,c
June 30	1,2,3,4	Rework Skills Component Removal of Surface-Mount Gull Wing Components, Hot Gas/Air Method 8.4.2	Read 8.4.2 under the Rework Skills folder.	3,a,c
July 1	1,2,3,4	Review for Final Exam		1-5,a,c
July 5 - 8		**Summer Break**	**Summer Break**	
July 12	1,2,3,4	Review for Final Exam		1-5,a,c

WEEK 8

Date	Chapter / Lesson	Content	Assignments & Tests Due Dates	Competency Area
July 13	1,2,3,4	This weekly e-mail should update your status of your third project.	E-mail your weekly project status William Greene (wgreene@southeasterntech.edu) (which step you are on, issues, etc.) REPLY to Discussion Board #7 POST to Discussion Board #8	1-5,a,c
July 14	1,2,3,4	**FINAL EXAM [Proctored Event] 9:00 AM**	Take Final Exam on BLACKBOARD	1-5,a,c
July 15	1,2,3,4	**FINAL EXAM [Proctored Event] 1:00 PM**	Take Final Exam on BLACKBOARD	1-5,a,c
July 19	1,2	CONTINUE Solder Project #3		1,2,4,a,c

WEEK 9

Date	Chapter / Lesson	Content	Assignments & Tests Due Dates	Competency Area
July 20	1,2	CONTINUE Solder Project #3	REPLY to Discussion Board #8 POST to Discussion Board #9	1,2,4,a,c
July 21	1,2	CONTINUE Solder Project #3		1,2,4,a,c
July 22	1,2	CONTINUE Solder Project #3		1,2,4,a,c
July 26	1,2	TURN IN Solder Project #3 **SEMESTER ENDS**	TURN IN Solder Project #3 REPLY to Discussion Board #9	1,2,4,a,c

FINALS WEEK

Date	Chapter / Lesson	Content	Assignments & Tests Due Dates	Competency Area
July 27		Course Completed No Activity on Finals Day		
July 28		Course Completed No Activity on Finals Day		

CHAPTER/LESSON KEY:
1. Basic Procedures
2. Through-Hole Soldering Techniques
3. Surface Mount Soldering Techniques
4. Desoldering Techniques

COMPETENCY AREAS:
1. Safety Practices
2. Soldering
3. Desoldering
4. Anti-Static Grounding
5. Surface Mount Techniques

GENERAL CORE EDUCATIONAL COMPETENCIES:
a) The ability to utilize standard written English.
b) The ability to solve practical mathematical problems.
c) The ability to read, analyze, and interpret information.

DISCLAIMER STATEMENTS:
(1) Instructor reserves the right to change the syllabus and/or lesson plan as necessary.
(2) The official copy of the syllabus is located inside the student's online course shell or will be given to them during face to face class time the first day of the semester. The syllabus displayed in advance of the semester in a location other than the course you are enrolled in is for planning purposes only.