



**TENTATIVE—SUBJECT TO CHANGE**  
**MCHT 1012 Blueprint for Machine Tool**  
**COURSE SYLLABUS**  
**Online**  
**Fall Semester 2020 (202112)**

**COURSE INFORMATION**

Credit Hours/Minutes: 3/2250

Campus/Class Location: Georgia Virtual Technical Connection (GVTC)/Blackboard

Class Meets: Via Internet for 15 weeks

Course Reference Number (CRN): 20120

Preferred Method of Contact: Office 365 College Email at mySTC

**INSTRUCTOR CONTACT INFORMATION**

Instructor Name: James Yearty

Email Address: [James Yearty \(jyearty@southeasterntech.edu\)](mailto:jyearty@southeasterntech.edu)

Campus/Office Location: Swainsboro/6111

Office Hours: 7:30 to 8:30 & 4:00 to 5:00 Monday Tuesday Wednesday & Thursday **“Due to the uncertainties of COVID-19, contact instructor by phone or email to make an appointment.”**

Phone: (478) 289-2323

Tutoring Hours (if applicable): Schedule with instructor as needed

**SOUTHEASTERN TECHNICAL COLLEGE (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 \(http://www.southeasterntech.edu/student-affairs/catalog-handbook.php\)](http://www.southeasterntech.edu/student-affairs/catalog-handbook.php).

**NO REQUIRED TEXT**

**REQUIRED SUPPLIES & SOFTWARE**

Daily, MTWR, access to a reliable internet connection for use with Blackboard, Immerse2learning, mySTC, and college email.

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 Georgia Virtual Technical Connection (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**

Introduces the fundamental concepts necessary to develop blueprint competencies, interpret drawings, and produce sketches for machine tool applications. Topics include interpretation of blueprints, sketching, sectioning, geometric dimensioning and tolerance, and assembly drawings.

## **MAJOR COURSE COMPETENCIES**

1. Interpretation of blueprints
2. Sketching
3. Assembly drawings
4. Sectioning
5. Geometric Dimensioning and Tolerance

## **PREREQUISITE(S)**

None

## **COURSE OUTLINE**

Introduces students to interpretations of blueprints, sketching, assembly drawings, sectioning, & geometric dimensioning and tolerances.

## **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 work required by the instructor. Students will have at least one week to complete tests and assignments. All tests and assignments are due at midnight on Wednesday of each week. Assignments must be keyed in Microsoft Word, saved, uploaded, and attached for grading in Blackboard.

Students are expected to prove weekly academic engagement by meeting assignment deadlines each week and spending a minimum of 37.5 hours during the semester doing the required homework, quizzes, 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 your 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.

| <b>COVID-19 Key Symptoms</b>   |
|--|
| 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)   |
| <b>In the past 14 days, if you:</b>  |
| Have had close contact with or are caring for an individual diagnosed with COVID-19 at home (not in healthcare setting), please do not come on campus and contact your instructor (s). |

#### **COVID-19 SELF-REPORTING REQUIREMENT**

Students taking classes on campus, 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](#). Report all positive cases of COVID-19 to your instructor and [Stephannie Waters](#), Exposure Control Coordinator, [swaters@southeasterntech.edu](mailto: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.

Students will have at least one week to complete tests and assignments. All tests and assignments are due by 11:59 p.m. on Wednesday of each week and are scheduled on the lesson plan for online Blueprint. Exceptions to the time frame and Wednesday deadline may be the proctored exam and final exam.

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 Campus:** [Macy Gay, \(mgay@southeasterntech.edu\)](mailto:mgay@southeasterntech.edu), 478-289-2274, Building 1, Room 1210.  
**Vidalia Campus:** [Helen Thomas, \(hthomas@southeasterntech.edu\)](mailto: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 Campus:** [Macy Gay, \(mgay@southeasterntech.edu\)](mailto:mgay@southeasterntech.edu), 478-289-2274, Building 1, Room 1210.  
**Vidalia Campus:** [Helen Thomas, \(hthomas@southeasterntech.edu\)](mailto: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" (Withdrawn) 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" (Failing 0-59) 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 assessed due to the withdrawal. A grade of "W" will count in attempted hour calculations for the purpose of Financial Aid.

### **EXIT EXAM**

NA

### **PROCTORED EVENT REQUIREMENT**

**Due to the uncertainties of COVID-19, this event will not be proctored for Fall Semester 202112. Students will complete the event, but will not be required to come on campus to do it.**

The event may be a major exam, assignment, or presentation, etc. that will count a minimum of 20% of the course grade. Students who do not complete the 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. Events will be given after the 65% point of the semester. **Students who do not complete the event on the scheduled date and do not present a valid documented excuse within three business days of the scheduled event will be withdrawn from the course with a "WF" (Withdrawn Failing). If the event is scheduled during final exams, any student who misses the event will be issued an "F" (Failing) for the course.**

#### **MAKEUP GUIDELINES (TESTS, QUIZZES, HOMEWORK, PROJECTS, ETC.)**

Makeup assignments will be allowed in extenuating circumstances.

#### **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:

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

**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 Website \(www.southeasterntech.edu\)](http://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 |
|----------------------------|------------|
| Quizzes                    | 10%        |
| Post-Tests                 | 20%        |
| Discussions                | 10%        |
| Module Comprehensive Exams | 30%        |
| Proctored Event/Final Exam | 30%        |

**GRADING SCALE**

| <b>Letter Grade</b> | <b>Range</b> |
|---------------------|--------------|
| A                   | 90-100       |
| B                   | 80-89        |
| C                   | 70-79        |
| D                   | 60-69        |
| F                   | 0-59         |

## Course Number and Name

### Fall Semester 202112 Lesson Plan

| Date/Week           | Chapter/Lesson  | Content   | Assignments & Tests<br>Due Dates  | Competency<br>Area |
|---------------------|---|---|---|--------------------|
| Week 1<br>8/17-8/20 | Welcome to Immerse2learn  | <ul style="list-style-type: none"> <li>• Course Introduction</li> <li>• Learning Management System</li> <li>• System Menu and Navigation</li> </ul>   | Due by 8-19-2020:<br>Loading Software & Introduction  | 1,2,3,4,5,a,b,c    |
| Week 2<br>8/24-8/27 | Reading Manufacturing Blueprints<br>Module 1<br>Blueprint Basics    | <ul style="list-style-type: none"> <li>• Understand industrial language terms.</li> <li>• Understand the use of blueprints.</li> <li>• Understand the basics of how a blueprint is laid out</li> </ul>  | Due by 8-26-2020:<br>Module 1 Pre-test & Post-test  | 1,2,3,4,a,b,c      |
| Week 3<br>8/31-9/3  | Reading Manufacturing Blueprints<br>Module 2<br>Blueprint Standards | <ul style="list-style-type: none"> <li>• Match ISO and ANSI with their definitions.</li> <li>• Identify the symbols associated with ISO and ANSI standards.</li> <li>• Identify the meaning of orthographic projection.</li> <li>• Decipher the difference between 3rd and 1st angle projection.</li> <li>• Identify where different standards are used throughout the world</li> </ul> | Due by 9-2-2020:<br>Module 2 Pre-test & Post-test   | 1,2,3,4,a,b,c      |
| Week 4<br>9/8-/10   | Reading Manufacturing Blueprints<br>Module 3<br>Drawing Views       | <ul style="list-style-type: none"> <li>• List the six principle views associated with orthographic projection.</li> <li>• Decipher the difference between 3rd and 1st angle projection.</li> <li>• Decipher the difference between one, two and three view drawings.</li> <li>• Identify what a section view represents</li> </ul>  | Due by 9-9-2020:<br>Module 3 Pre-test & Post-test<br><br>Students also are to do hand sketch of orthographic projection scan and email to instructor<br><br>Discussion #1 Views | 1,2,3,4,a,b,c      |



| Date/Week           | Chapter/Lesson  | Content  | Assignments & Tests<br>Due Dates  | Competency<br>Area |
|---------------------|---|--|---|--------------------|
| Week 5<br>9/14-9/17 | Reading<br>Manufacturing<br>Blueprints<br>Module 4<br>Drawing Types       | <ul style="list-style-type: none"> <li>• Identify section lines.</li> <li>• Decipher the difference between engineering drawings and blueprints.</li> <li>• Interpret detailed drawings.</li> <li>• Identify shape and size descriptions of detailed drawings.</li> <li>• Identify specifications of detailed drawings.</li> <li>• Interpret assembly drawings.</li> <li>• Identify assembly drawings</li> </ul> | Due by 9-16-2020:<br>Module 4 Pre-test &<br>Post-test   | 1,2,3,4,a,b,c      |
| Week 6<br>9/21-9/24 | Reading<br>Manufacturing<br>Blueprints<br>Module 5<br>Blueprint<br>Layout | <ul style="list-style-type: none"> <li>• Identify the 5 standard paper sizes for blueprints.</li> <li>• Decipher the different sections of a blueprint.</li> <li>• Understand the basic blueprint template.</li> <li>• Identify and interpret the seven different components of a blueprint title block.</li> </ul>  | Due by 9-23-2020:<br>Module 5 Pre-test &<br>Post-test   | 1,2,3,4,a,b,c      |
| Week 7<br>9/28-10/1 | Reading<br>Manufacturing<br>Blueprints<br>Module 6<br>Line Styles         | <ul style="list-style-type: none"> <li>• Identify the 11 types of lines in a basic blueprint.</li> <li>• Locate each line type on a blueprint.</li> </ul>  | Due by 9-30-2020:<br>Module 6 Pre-test &<br>Post-test<br>Students also are to<br>hand sketch all 11 line<br>types scan an email<br>to instructor<br>Discussion #2 Lines | 1,2,3,4,a,b,c      |

| Date/Week                 | Chapter/Lesson   | Content   | Assignments & Tests<br>Due Dates   | Competency<br>Area |
|---------------------------|--|---|--|--------------------|
| Week 8<br>10/5-10/8       | Reading<br>Manufacturing<br>Blueprints<br>Module 7<br>Fundamentals<br>of Geometric<br>Dimensioning | <ul style="list-style-type: none"> <li>• Verify the purpose of dimensions in a drawing.</li> <li>• Match commonly used dimension symbols and terminologies with their purpose.</li> <li>• Identify size dimensions.</li> <li>• Identify diameter dimensions.</li> <li>• Identify radius dimensions.</li> <li>• Identify angular dimensions.</li> <li>• Identify datum dimensions.</li> <li>• Identify location dimensions.</li> <li>• Understand dimensioning standards for threaded fasteners.</li> <li>• Calculate dimensions on a blueprint.</li> <li>• Demonstrate how precision dimensions are expressed.</li> <li>• Understand what the drawing scale means.</li> </ul> | Due by 10-7-2020:<br>Module 7 Pre-test &<br>Post-test<br><br>Discussion #3<br>Dimensions | 1,2,3,4,5,a,b,c    |
| Week 9<br>10/12-<br>10/15 | Reading<br>Manufacturing<br>Blueprints<br>Module 8<br>Fundamentals<br>of Geometric<br>Tolerancing  | <ul style="list-style-type: none"> <li>• Verify different tolerancing methods used in GD&amp;T.</li> <li>• Identify tolerances located on an engineering drawing.</li> <li>• Identify different tolerance types.</li> <li>• Verify the purpose of tolerances.</li> <li>• Identify the symbols used when tolerancing.</li> <li>• Identify the terms used when tolerancing.</li> <li>• Identify and interpret the different tolerancing methods.</li> <li>• Interpret clearance fits.</li> <li>• Interpret interference fits.</li> <li>• Interpret transition fits.</li> </ul>  | Due by 10-14-2020:<br>Module 8 Pre-test &<br>Post-test<br><br>Discussion #4 CAD          | 5,a,b,c            |

| Date/Week                  | Chapter/Lesson                                      | Content  | Assignments & Tests<br>Due Dates   | Competency<br>Area |
|----------------------------|---|--|--|--------------------|
| Week 10<br>10/19-<br>10/22 | Reading<br>Manufacturing<br>Blueprints              | Modules 1-8 of Reading<br>Manufacturing Blueprints   | Reading<br>Manufacturing<br>Blueprints<br>Comprehensive Exam<br>Due 10-21-2020   | 1,2,3,4,5,a,b,c    |
| Week 11<br>10/26-<br>10/29 | Precision<br>Measurement<br>Module 1<br>Steel Rules | <ul style="list-style-type: none"> <li>• Identify the types of measurements that can be measured accurately with steel rules.</li> <li>• Understand the physical attributes of steel rules.</li> <li>• Understand the different configurations of steel rules.</li> <li>• Decipher between a fractional scale and a decimal scale.</li> <li>• Identify what scale needs to be used based on the dimensional size on the part print.</li> <li>• Understand how to properly position a steel rule on a part.</li> <li>• Determine the measurement value using a fractional scale.</li> <li>• Determine the measurement value using a decimal scale.</li> </ul> | Due by 10-28-2020:<br>Precision<br>Measurement<br>Module 1 Pre-test &<br>Post-test<br><br>Discussion #5 Steel<br>Rules | 5,a,b,c            |

| Date/Week                  | Chapter/Lesson   | Content   | Assignments & Tests<br>Due Dates  | Competency<br>Area |
|----------------------------|--|---|---|--------------------|
| Week 12<br>11/2-11/5       | Precision<br>Measurement<br>Module 2<br>Slide Calipers | <ul style="list-style-type: none"> <li>• Decipher between a Vernier, dial, and digital precision caliper.</li> <li>• Identify the three different measurements that can be taken with precision calipers.</li> <li>• Clean and calibrate precision calipers.</li> <li>• Identify specifications that should be measured with a precision calipers.</li> <li>• Identify the different components of precision calipers.</li> <li>• Use, read and interpret an inch Vernier precision caliper.</li> <li>• Use, read and interpret a metric Vernier precision caliper.</li> <li>• Use, read and interpret a dial precision caliper.</li> <li>• Use, read and interpret a digital precision caliper.</li> </ul> | Due by 11-4-2020:<br>Precision<br>Measurement<br>Module 2 Pre-test &<br>Post-test | 5,a,b,c            |
| Week 13<br>11/9-11/12      | Precision<br>Measurement<br>Module 3<br>Micrometers    | <ul style="list-style-type: none"> <li>• Identify different types of micrometers.</li> <li>• Identify the different components of micrometers.</li> <li>• Understand the mechanics of a micrometer.</li> <li>• Properly handle and maintain micrometers.</li> <li>• Properly test and calibrate micrometers.</li> <li>• Use, read and interpret outside micrometers.</li> <li>• Use, read and interpret depth micrometers.</li> </ul>   | Due by 11-4-2020:<br>Precision<br>Measurement<br>Module 3 Pre-test &<br>Post-test | 5,a,b,c            |
| Week 14<br>11/16-<br>11/19 | Precision<br>Measurement                               | Modules 1,2, & 3 of Precision<br>Measurement  | Precision<br>Measurement<br>Comprehensive Exam<br>Due 11-18-2020                  | 5,a,b,c            |
| Week 15<br>11/23-12/3      |  | Review all notes for Final Exam.<br>Refer to announcement in<br>Blackboard on Final Exam.   |   | 1,2,3,4,5,a,b,c    |

| Date/Week | Chapter/Lesson | Content                                | Assignments & Tests<br>Due Dates | Competency<br>Area |
|-----------|----------------|--|----------------------------------|--------------------|
| 12/7      | Final          | Final Exam accessed through Blackboard | Due 12/7/2020                    | 1,2,3,4,5,a,b,c    |

**COMPETENCY AREAS: (WILL VARY FOR EACH COURSE/TAKEN FROM STATE STANDARDS)**

1. Interpretation of blueprints
2. Sketching
3. Assembly drawings
4. Sectioning
5. Geometric Dimensioning and Tolerance 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.

**Discussion Board Rubric**

**0%**

Student did not make any attempt to complete discussion post.

**50%**

Explanation of key points is unclear.

**75%**

A good, solid response with clear explanation.

**100%**

A complete response with a detailed explanation.