



# Emergency Medical Services (EMS) Professions

## EMSP 1120 – Emergency Medical Technician (EMT)

### Assessment / Airway Management and Pharmacology

## COURSE SYLLABUS

### HYBRID

### Fall Semester 2019

#### COURSE INFORMATION

Credit Hours/Minutes: 3 / 3000

Campus/Class Location: Health Science Annex West - Room 118, Vidalia

Class Meets: **30% Hybrid / 70% Face-to-Face:** Monday and Thursday 5:45 pm – 10:00.

Course Reference Number (CRN): 20153

Preferred Method of Contact: The preferred method of contact for the instructor is by office phone. If there is no answer, please call the cell phone number provided below.

#### INSTRUCTOR CONTACT INFORMATION

Adjunct Instructor Name: Laurie Holland

Adjunct College Email Address: [Laurie Holland \(lholland@southeasterntech.edu\)](mailto:lholland@southeasterntech.edu)

Campus/Office Location: Health Science Annex West Room 115, Vidalia

Office Hours: By appointment

Phone: 912-538-3218 (office)      912-245-1702 (cell)

Fax Number: 912-538-3259

Full-Time Instructor Name: Jim Jones

Email Address: [Jim Jones jjones@southeasterntech.edu](mailto:jjones@southeasterntech.edu)

Campus/Office Location: Health Science Annex West Room 109, Vidalia

Office Hours: By appointment (Due to shift friendly schedule)

Phone: 912-538-3218 (office)      912-293-5161 (cell)

Fax Number: 912-538-3259

Tutoring Hours (if applicable): By Appointment

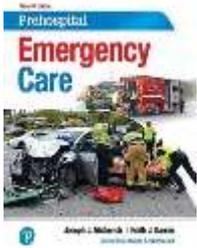
**This course is taught in a hybrid format. Hybrid classes require students to complete a portion of the required contact hours traditionally by attending classes on campus while completing the remaining portion online at the student's convenience with respect to the instructor's requirements.**

#### 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>).

## REQUIRED TEXT

*Prehospital Emergency Care 11<sup>th</sup> edition - Authors: Joseph Mistovich, Keith Karren, ISBN-10: 013-470445-2*



## REQUIRED SUPPLIES & SOFTWARE

**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

This course prepares students for initial scene management and assessment of patients as well as management of the airway. Introduction to pharmacology is also covered. Includes application of scene information and patient assessment findings (scene size up, primary and secondary assessment, patient history, and reassessment) to guide emergency management.

## MAJOR COURSE COMPETENCIES

1. Scene Size-Up
2. Primary Assessment
3. History Taking
4. Secondary Assessment
5. Monitoring Devices
6. Reassessment
7. Airway Management
8. Respiration
9. Artificial Ventilation
10. Principles of Pharmacology
11. Medication Administration
12. Emergency Medications

## PREREQUISITE(S)

Program Admission

## COURSE OUTLINE

### Scene Size-Up

Order	Description	Learning Domain	Level of Learning
1	Anticipate scene safety.	Cognitive	Synthesis
2	Promote the need for crew members to evaluate scene safety prior to entering.	Affective	Characterization
3	Demonstrate scene management for various single or multiple patient situations, including: impact of the environment on patient care; addressing hazards; violence; need for additional or specialized resources; and standard precautions.	Psychomotor	Guided Response

### Primary Assessment

Order	Description	Learning Domain	Level of Learning
1	Demonstrate the primary assessment for all patient situations including: general impression; level of consciousness; Airway Breathing and Circulation (ABCs); identifying life threats; and assessment of vital functions.	Cognitive	Application
2	Demonstrate the treatments/procedures needed to preserve life.	Cognitive	Application
3	Perform an appropriate primary assessment for various patient situations.	Psychomotor	Guided Response
4	Respect patients with regard to appropriate primary assessment for various situations.	Affective	Organization

### History Taking

Order	Description	Learning Domain	Level of Learning
1	Demonstrate the method for determining the chief complaint.	Cognitive	Application
2	Demonstrate the methods for determining the mechanism of injury/nature of illness.	Cognitive	Application
3	Demonstrate the methods for determining the past medical history.	Cognitive	Application
4	Demonstrate the methods of determining the associated signs and symptoms for various chief complaints.	Cognitive	Application
5	Demonstrate the methods of determining the pertinent negatives for various chief complaints.	Cognitive	Application
6	Demonstrate obtaining the appropriate patient history for various chief complaints.	Psychomotor	Guided Response
7	Consider patient characteristics while obtaining the appropriate patient history for various chief complaints.	Affective	Valuing

## Secondary Assessment

Order	Description	Learning Domain	Level of Learning
1	Describe a rapid full body scan.	Cognitive	Comprehension
2	Perform a rapid full body scan.	Psychomotor	Guided Response
3	Describe a focused assessment of pain.	Cognitive	Comprehension
4	Perform a focused assessment of pain.	Psychomotor	Guided Response
5	Describe the assessment of vital signs.	Cognitive	Comprehension
6	Perform an assessment of vital signs.	Psychomotor	Guided Response
7	Demonstrate the techniques of physical examination including: respiratory system (presence of breath sounds); cardiovascular system; neurological system; musculoskeletal system; and all anatomical regions.	Cognitive	Application
8	Perform a physical examination on various patients using appropriate techniques.	Psychomotor	Guided Response
9	Display empathy during the secondary assessment of various patients.	Affective	Responding

## Monitoring Devices

Order	Description	Learning Domain	Level of Learning
1	Within the scope of practice of the EMT, show obtaining and using information from patient monitoring devices including (but not limited to): pulse oximetry, non-invasive blood pressure, and blood glucose monitoring devices.	Cognitive	Application
2	Demonstrate obtaining and using information from various patient monitoring devices, within the scope of practice of the EMT.	Psychomotor	Guided Response

## Reassessment

Order	Description	Learning Domain	Level of Learning
1	Determine how and when to perform a reassessment for all patient situations.	Cognitive	Application
2	Demonstrate the reassessment of patients in various situations.	Psychomotor	Guided Response

## Airway Management

Order	Description	Learning Domain	Level of Learning
1	Apply knowledge of general anatomy and physiology to patient assessment and management in order to assure a patent airway, adequate mechanical ventilation, and respiration for patients of all ages.	Cognitive	Application

Order	Description	Learning Domain	Level of Learning
2	Demonstrate, within the scope of practice of the EMT, the following: airway assessment; and techniques of assuring a patent airway.	Psychomotor	Guided Response

### Respiration

Order	Description	Learning Domain	Level of Learning
1	Articulate the anatomy of the respiratory system.	Cognitive	Application
2	Outline the physiology and pathophysiology of respiration, including: pulmonary ventilation; oxygenation and respiration including (external, internal, and cellular).	Cognitive	Analysis
3	Demonstrate the assessment and management of adequate and inadequate respiration.	Cognitive	Application
4	Perform an assessment and management of adequate and inadequate respiration.	Psychomotor	Guided Response
5	Utilize appropriate supplemental oxygen therapy.	Cognitive	Application
6	Demonstrate supplemental oxygen therapy.	Psychomotor	Guided Response

### Artificial Ventilation

Order	Description	Learning Domain	Level of Learning
1	Outline the assessment and management of adequate and inadequate ventilation, to include: Artificial ventilation; Minute ventilation; Alveolar ventilation; and the Effect of artificial ventilation on cardiac output.	Cognitive	Analysis
2	Perform the assessment and management of adequate and inadequate ventilation.	Psychomotor	Guided Response

### Principles of Pharmacology

Order	Description	Learning Domain	Level of Learning
1	Apply fundamental knowledge of the medications that the EMT may assist/administer to a patient during an emergency.	Cognitive	Application
2	Describe medication safety.	Cognitive	Comprehension
3	Display appropriate concern for medication safety.	Affective	Responding
4	Discuss kinds of medications used during an emergency.	Cognitive	Comprehension

### Medication Administration

Order	Description	Learning Domain	Level of Learning
1	Differentiate between assisting a patient with medications and administering medications to a patient.	Cognitive	Analysis
2	Demonstrate assisting and administering medications to a	Psychomotor	Guided

Order	Description	Learning Domain	Level of Learning
	patient, within the scope of practice of the EMT.		Response
3	Demonstrate self-administration of medications, within the scope of practice of the EMT.	Psychomotor	Guided Response
4	Demonstrate peer-administration of medications, within the scope of practice of the EMT.	Psychomotor	Guided Response

### Emergency Medications

Order	Description	Learning Domain	Level of Learning
1	Summarize the: names; actions; indications; contraindications; complications; routes of administration; side effects; interactions; and dosages for the medications administered, within the scope of the practice of the EMT.	Cognitive	Comprehension
2	Demonstrate the appropriate administration, to a simulated patient, of medications within the scope of the practice of the EMT.	Psychomotor	Guided Response

### GENERAL EDUCATION CORE COMPETENCIES

STC 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 (HYBRID)

Students are expected to complete all work shown on the attached assignment sheet. Students are also expected to complete all tests and comprehensive problems on the dates specified on the attached calendar. Students are responsible for policies and procedures included in the *STC Catalog and Handbook*. Students must maintain a 70% or higher average on Chapter exams and maintain a 75% or higher average on all homework assignments to sit for the Final exam **EMS Professions program students must earn a minimum grade of C in this course to advance to EMSP 1130.**

Students, who are more than 15 minutes late on exam nights, will not be allowed to take the exam once the exam has started. These students must schedule a time to make up the exam or a zero will be given for the exam. This time will be other than normal class hours, must be prior to the next class, and will be at the instructor's convenience. If the student is less than 15 minutes late, and the exam has started, the student may begin the exam, but he/she must turn in their exam at the end of the allotted exam time, whether finished or not. Example: Exam begins at 5:05pm -- 50 minutes are allotted for the exam -- ALL exams must be turned in by 5:55pm

Students must maintain a **70%** or higher average on Chapter exams to sit for the Final exam.

Students must also maintain an **80%** or higher average on all Pretest, Homework, and Post-test assignments in order to sit for the Final Exam.

## HYBRID ATTENDANCE

Class attendance is a very important aspect of a student's success. Being absent from class prevents students from receiving the full benefit of a course and interrupts the learning process. Southeastern Technical College considers both tardiness and leaving early as types of absenteeism. Responsibility for class attendance rests with the student. Regular and punctual attendance at all scheduled classes is required for student success. Students will be expected to complete all work required by the instructor as described in the individual course syllabus.

Instructors have the right to give unannounced quizzes/assignments. Students who miss an unannounced quiz or assignment will receive a grade of 0. Students who stop attending class, but do not formally withdraw, may receive a grade of "F" (Failing 0-59) and face financial aid repercussions in upcoming semesters.

Instructors are responsible for determining whether missed work may be made up and the content and dates for makeup work is at the discretion of the instructor.

Attendance is counted from the first scheduled class meeting of each semester. To receive credit for a course a student must attend at least 90% of the scheduled instructional time. All work missed due to tardiness or absences must be made up at the convenience of the instructor. Any student attending less than the required scheduled instructional time (90%) may be dropped from the course as stated below in the Withdrawal Procedure.

Tardy means arriving after the scheduled time for instruction to begin. Early departure means leaving before the end of the scheduled time. Three (3) tardies or early departures equal one (1) absence for the course.

**For this class, which meets 2 days a week for 6 weeks, the maximum number of days a student may miss is 2 days during the semester.**

## 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:Macy.Gay@southeasterntech.edu), 478-289-2274, Building 1, Room 1210

Vidalia Campus: [Helen Thomas hthomas@southeasterntech.edu](mailto:Helen.Thomas@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 the appropriate campus coordinator.

Swainsboro Campus: [Macy Gay mgay@southeasterntech.edu](mailto:Macy.Gay@southeasterntech.edu), 478-289-2274, Building 1, Room 1210

Vidalia Campus: [Helen Thomas hthomas@southeasterntech.edu](mailto:Helen.Thomas@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.

Students who are dropped from courses due to attendance after drop/add until the 65% point of the semester will receive a “W” for the course.

Important – Student-initiated withdrawals are not allowed after the 65% point. Only instructors can drop students after the 65% point for violating the attendance procedure of the course. Students who are dropped from courses due to attendance after the 65% point will receive either a “WP” (Withdrawn Passing) or “WF” (Withdrawn Failing) for the semester.

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.

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

If a student misses a test, a grade of zero will be assigned. Only students with extenuating circumstances (who contact the instructor on or before the day of the test regarding their absence) will be allowed to take a makeup test, which will replace the zero. Extenuating circumstances are determined at the instructor’s discretion. Unless otherwise scheduled with the instructor, it is expected that the test will be taken prior to the next class, and will be scheduled outside of regular class time. Failure to follow this procedure will result in a grade of zero.

Assignment due dates are listed on the attached lesson schedule and in MyBradyLab. Students are expected to have the assignment completed when it is due. It is within the instructor’s discretion to accept or reject late assignments. Any late assignments accepted will be subject to a ten point penalty each day the assignment is late. After three class meetings, no late assignments will be accepted; a zero will be recorded.

Unannounced quizzes are subject to be given on any day. A grade of zero will be assigned for any quizzes missed. There will be no makeup of quizzes.

Any zeros recorded will be included in the final score calculation.

Students must have a 70% or above average on all EMSP 1120 chapter exams to be eligible to sit for the EMSP 1120 final exam. Any student not having a 70% average will not be allowed to take the EMSP 1120 final exam and will not be allowed to advance to EMSP 1130.

## ACADEMIC DISHONESTY POLICY

The Southeastern Technical College (STC) 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 STC 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" 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:

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

### 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's 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
Chapter Exams	50 %
Homework Assignments/Quizzes	10 %
Affective Learning	5 %
Final Exam	35 %

### GRADING SCALE

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

\* All Practical competencies must be passed to complete the course.

# EMSP 1120 CRN# 20153

## Fall Semester 2019 - Lesson Plan

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
			<b>Hybrid - Read Chapter 11 and complete online assignments before 6:00pm – September 23, 2019.</b>	
Monday September 23	Chapter 11	In class - Vital Signs, Monitoring Devices, and History Taking	<b>Hybrid - Review Chapter 11. Chapter 11 Exam next class.</b>	*5 **a,c
Thursday September 26	Chapter 11	In class – Chapter 11 Exam  In class - Vital Signs, Monitoring Devices, and History Taking (LAB)	<b>Hybrid - Read Chapter 12 and complete online assignments before 6:00pm – September 30, 2019</b>	*4 & 6 **a,c
Monday September 30	Chapter 12  Chapter 13	In class - Scene Size-Up  In class - The Patient Assessment (Pages 333 - 355)	<b>Chapter 12 Exam next class. Hybrid - Read Chapter 13 and complete online assignments before 6:00pm – October 3, 2019</b>	*1 & 2 **a, c
Thursday October 3	Chapter 13	In class – Chapter 12 Exam  In class - The Patient Assessment & Reassessment (Pages 355 - 418)	<b>Chapter 13 Exam next class. Hybrid - Read Chapter 10 and complete online assignments before 6:00pm – October 7, 2019.  Chapter 13 Exam next class.</b>	*2 & 6 **a,c

<b>Date/Week</b>	<b>Chapter/Lesson</b>	<b>Content</b>	<b>Assignments &amp; Tests Due Dates</b>	<b>Competency Area</b>
Monday October 7	Chapter 10	In class – Chapter 13 Exam In class - Airway Management (Pages 216 - 244)	<b>Hybrid - Read Chapter 10 and complete online assignments before 6:00pm – October 10, 2019. Chapter 9 Exam next class.</b>	*7 **a,b,c
Thursday October 10	Chapter 10	In class – Techniques of Artificial Ventilation (Pages 245 - 271)	<b>Hybrid - Review Chapter 10 and complete online assignments. Chapter 10 Exam next class.</b>	*7, 8, 9 **a,b,c
Monday October 14	Chapter 10	LAB – Airway Management, Artificial Ventilation, and Oxygenation  In class – Chapter 10 Exam	<b>Hybrid - Read Chapter 14 and complete online assignments before 6:00pm - October 17, 2019. Chapter 14 Exam next class.</b>	*7,8,9 **a,b,c
Thursday October 17	Chapter 14	In class - General Pharmacology and Medication Administration	<b>Hybrid - Review Chapter 14 and complete online assignments.</b>	*10,11,12 **a,b,c
Monday October 21		In class – Chapter 14 Exam  In class – EMSP 1120 Review	<b>EMSP 1120 Final Exam next class</b>	*1-12 **a,b,c
Thursday October 24	<b>Final Exam</b>	In Class – EMSP 1120 Final Exam		

**\* Competency Areas:**

1. Scene Size-Up
2. Primary Assessment
3. History Taking
4. Secondary Assessment
5. Monitoring Devices
6. Reassessment
7. Airway Management
8. Respiration
9. Artificial Ventilation
10. Principles of Pharmacology
11. Medication Administration
12. Emergency Medications

**\*\* 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.