



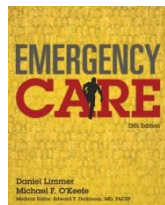
EMS Professions
**EMSP 1120 – EMT Assessment / Airway
 Management and Pharmacology**
COURSE SYLLABUS
HYBRID
Fall Semester 2016

| | | |
|---|--|--|
| <p>Semester: Fall 2016</p> <p>Course Title: EMT Assessment / Airway Management</p> <p>Course Number: EMSP 1120</p> <p>Credit Hours/ Minutes: 3 / 3000</p> <p>Class Location: HSAW Rm 118</p> <p>Class Meets: 30% Hybrid / 70% Face-to-Face: Monday and Thursday 5:45 pm – 10:00.</p> <p>CRN: 20319</p> | <p>Program Director: Jim Jones, NREMT-P</p> <p>Office Hours: 8:00am - 12:00pm – T&W 2:00pm - 4:00pm – T&W</p> <p>Office Location: Health Science Annex West - Room 109</p> <p>Email Address: jjones@southeasterntech.edu</p> <p>Phone: 912-538-3218</p> <p>Fax Number: 912-538-3106</p> <p>Tutoring Hours: By Appointment</p> | <p>Instructor: Laurie Holland, EMT-P</p> <p>Office Hours: M/R 5:00pm - 6:00pm</p> <p>Office Location: Health Science Annex West - Room 115</p> <p>Email Address: lholland@southeasterntech.edu</p> <p>Phone: 912-538-3218</p> <p>Fax Number: 912-538-3259</p> <p>Tutoring Hours: By Appointment</p> |
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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.

REQUIRED TEXT:

Emergency Care, 13/E
 Daniel Limmer
 Michael F. O’Keefe
 Harvey Grant
 Bob Murray
 J. David Bergeron
 Edward T. Dickinson
 ISBN-10: 0134024559



REQUIRED SUPPLIES & SOFTWARE:

Pencils, Black Ink Pens, 3-ring binder. Paper

Note: Although students can use their smart phones and tablets to access the online portion of their course(s), exams, discussions, assignments, and other graded activities should be performed on a personal computer. Neither MyBradyLab, ANGEL, 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 complete the online portion of the course.

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: Scene Size-Up; Primary Assessment; History Taking; Secondary Assessment; Monitoring Devices; Reassessment; Airway Management; Respiration; Artificial Ventilation; Principles of Pharmacology; Medication Administration; and Emergency Medications.

PREREQUISITE(S): Program Admission

COURSE OUTLINE

EMSP 1120 - Learning Outcomes

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; 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 |
| 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 patient, within the scope of practice of the EMT. | Psychomotor | Guided 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.

All students pursuing a degree, a diploma, or a Technical Certificate of Credit with a General Education component will be required to pass the General Education Competency Exams prior to graduation.

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. **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.

AFFECTIVE LEARNING EVALUATION: EMS Professions students will be evaluated weekly to identify and correct deficits in affective learning. Students will be evaluated in up to 11 areas of affective behavior. A score will be entered into the grade book to reflect the affective behaviors exhibited during each week of the semester. See the scoring rubric included on the Affective Learning Evaluation form in the program handbook.

ATTENDANCE GUIDELINES: 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 also 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 and face financial aid repercussions in upcoming semesters.

ADDITIONAL ATTENDANCE PROVISIONS

Health Sciences

Requirements for instructional hours within Health Science and Cosmetology programs reflect the rules of respective licensure boards and/or accrediting agencies. Therefore, these programs have stringent attendance policies. Each program's attendance policy is published in the program's handbook and/or syllabus which specify the number of allowable absences. All provisions for required make-up work in the classroom or clinical experiences are 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. Time and/or 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.

HYBRID ATTENDANCE: STC's attendance procedure is followed for all hybrid classes along with the following addition. 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. STC's attendance policy located in the STC Catalog and Student Handbook must be followed in all hybrid classes. For the scheduled class sessions, attendance is counted from the first scheduled class meeting of each semester. Three (3) tardies or early departures equal one (1) absence for the course(s) involved. In order for a student to receive credit for a course, a student must attend at least 90% of the scheduled instructional time.

HYBRID ATTENDANCE ADDENDUM: Students must attend the scheduled campus class each week and complete the online assignments. The maximum number of absences a student may miss for this class is one (2).

SPECIAL NEEDS: Students with disabilities who believe that they may need accommodations in this class based on the impact of a disability are encouraged to contact Helen Thomas, 912-538-3126, hthomas@southeasterntech.edu, to coordinate reasonable accommodations.

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 advise me and make appropriate arrangements with Helen Thomas, 912-538-3126, hthomas@southeasterntech.edu.

WITHDRAWAL PROCEDURE: Students wishing to officially withdraw from a course(s) or all courses after the drop/add period and prior to the 65% portion of the semester (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 when the student completes the withdrawal form from the course.

Students who are dropped from courses due to attendance (see your course syllabus for attendance policy) after drop/add until the 65% point of the semester will receive a "W" for the course. Abandoning a course(s) instead of following official withdrawal procedures may result in a grade of 'F' being assigned.

After the 65% portion of the semester, the student will receive a grade for the course. (Please note: A zero will be given for all missed assignments.)

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. All grades, including grades of 'W', will count in attempted hour calculations for the purpose of Financial Aid.

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

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**, 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. Students are expected to have the assignment completed at the beginning of class on the date that 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.

ACADEMIC DISHONESTY POLICY: The STC Academic Dishonesty Policy states *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 Student Handbook*.

Procedure for Academic Misconduct

The procedure for dealing with academic misconduct and dishonesty is as follows:

--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.

--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.

--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 second 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: Southeastern Technical College does not discriminate on the basis of race, color, creed, national or ethnic origin, gender, religion, disability, age, disabled veteran, veteran of Vietnam Era or citizenship status, (except in those special circumstances permitted or mandated by law). This school is in compliance with Title VI of the Civil Rights Act of 1964, which prohibits discrimination on the basis of race, color, or national origin; with the provisions of Title IX of the Educational Amendments of 1972, which prohibits discrimination on the basis of gender; with the provisions of Section 504 of the Rehabilitation Act of 1973, which prohibits discrimination on the basis of handicap; and with the American with Disabilities Act (ADA).

GRIEVANCE PROCEDURES: Grievance procedures can be found in the Catalog and Handbook located on STC'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 STC website at www.southeasterntech.edu.

GRADING POLICY

| | |
|---------------------|-------------|
| Exams | 50% |
| Assignments/Quizzes | 20% |
| Affective Learning | 5% |
| Final Exam | <u>25%</u> |
| | 100% |
| Practical Exercises | - Pass/Fail |

GRADING

SCALE
A: 90-100
B: 80-89
C: 70-79
D: 60-69
F: 0-59

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.*

(All Practical competencies must be passed to complete the course.)

Course Number: EMSP 1120 CRN# 20319

Fall Semester 2016

Lesson Schedule

WHITE background areas identify work to be completed in the classroom.

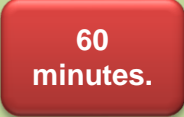
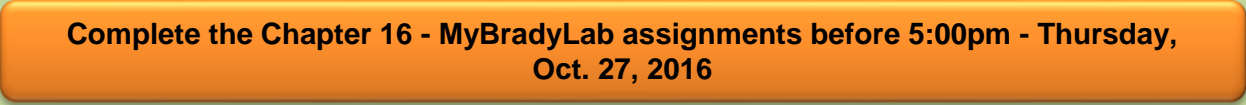
Approx. time to complete.

GREEN background areas identify work to be completed outside of the classroom.

ONLINE ASSIGNMENT

| Date | Chapter and Content | | Assignments Tests | *Competency Area |
|--|---|--|---|------------------|
| <div data-bbox="82 800 264 919" style="background-color: #f44336; color: white; padding: 5px; border-radius: 10px; text-align: center;">60 minutes</div> | <div data-bbox="302 800 1544 909" style="background-color: #ff9800; color: black; padding: 10px; border-radius: 15px; text-align: center;"> Complete the Chapter 11 - MyBradyLab assignments before 5:00pm - Thursday, Sept. 29, 2016 </div> | | | |
| Lesson 1 | | | | |
| Thursday September 29 | Chapter 11 Chapter 12 | Scene Size-Up The Primary Assessment (Part 1) | Read Chapter 12 and complete online assignments. Chapter 11 Exam next class. | *1 & 2 **a, c |
| <div data-bbox="82 1272 264 1392" style="background-color: #f44336; color: white; padding: 5px; border-radius: 10px; text-align: center;">60 minutes</div> | <div data-bbox="302 1272 1544 1381" style="background-color: #ff9800; color: black; padding: 10px; border-radius: 15px; text-align: center;"> Complete the Chapter 12 - MyBradyLab assignments before 5:00pm - Monday, October 3, 2016 </div> | | | |
| Lesson 2 | | | | |
| Monday October 3 | Chapter 12 | The Primary Assessment (Part 2) | Read Chapter 13 and complete online assignments. Chapter 12 Exam next class. | *2 & 6 **a,c |
| <div data-bbox="82 1770 264 1890" style="background-color: #f44336; color: white; padding: 5px; border-radius: 10px; text-align: center;">60 minutes</div> | <div data-bbox="302 1770 1544 1879" style="background-color: #ff9800; color: black; padding: 10px; border-radius: 15px; text-align: center;"> Complete the Chapter 13 - MyBradyLab assignments before 5:00pm - Thursday, Oct. 6, 2016 </div> | | | |

| Lesson 3 | | | | |
|------------------------|---|---|--|---------------------|
| Thursday October 6 | Chapter 13 | Vital Signs and Monitoring Devices | Read Chapter 14 and complete online assignments. Chapter 13 Exam next class. | *5 **a,c |
| Lesson 4 | | | | |
| Monday October 10 | Chapter 13 | Vital Signs and Monitoring Devices (LAB) | Read Chapters 14 and complete online assignments. | *4 & 6 **a,c |
| 120 minutes | Complete the Chapter 14 - MyBradyLab assignments before 5:00pm - Thursday, Oct 13, 2016 | | | |
| Lesson 5 | | | | |
| Thursday October 13 | Chapter 14 | The Secondary Assessment | Read Chapters 9 and complete online assignments. Chapter 14 Exam next class. | *4 & 6 **a,b,c |
| 120 minutes | Complete the Chapter 9 - MyBradyLab assignments before 5:00pm - Monday, Oct. 17, 2016 | | | |
| Lesson 6 | | | | |
| Monday October 17 | Chapter 9 | Airway Management | Read Chapter 10 and complete online assignments. Chapter 9 Exam next class. | *7 **a,b,c |
| 120 minutes | Complete the Chapter 10 - MyBradyLab assignments before 5:00pm - Thursday, Oct. 20, 2016 | | | |
| Lesson 7 | | | | |
| Thursday October 20 | Chapter 10 | Respiration and Artificial Ventilation (Part 1) | Review Chapter 10 and complete online assignments. | *7, 8, 9 **a,b,c |

| Lesson 8 | | | | |
|--|-------------------|--|--|----------------------|
| Monday October 24 | Chapter 10 | Respiration and Artificial Ventilation (Part 2) | Read Chapter 16 and complete online assignments. Chapter 10 Exam next class. | *7,8,9 **a,b,c |
|  | |  | | |
| Lesson 9 | | | | |
| Thursday October 27 | Chapter 16 | General Pharmacology | Review Chapter 16 and complete online assignments. Chapter 16 Exam next class. | *10,11,12 **a,b,c |
| Lesson 10 | | | | |
| Monday October 31 | Final Exam | Review and EMSP 1120 Final Exam | | *1-12 **a,b,c |

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

**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.