DATE OF LAST REVIEW: 02/2013
CIP CODE: 43.0107
SEMESTER: Departmental Syllabus
COURSE TITLE: Traffic Administration and Control
COURSE NUMBER: CRJS-0205
CREDIT HOURS: 3
INSTRUCTOR: Departmental Syllabus
OFFICE LOCATION: Departmental Syllabus
OFFICE HOURS: Departmental Syllabus
TELEPHONE: Departmental Syllabus
EMAIL: KCKCC- “issued email accounts are the official means for electronically communicating with our students.”

PREREQUISITE(S): None

REQUIRED TEXT AND MATERIALS: Please check with the KCKCC bookstore, http://www.kckccbookstore.com/, for the required texts for your particular class.

COURSE DESCRIPTION:
This course is designed to provide the history of traffic administration and traffic problems, the growth of the police traffic function, traffic studies, accident causation factors, accident investigation, and traffic enforcement. The course will give students an understanding of traffic administration and control. Note: This course is generally offered only during the spring semester. This course is also offered online.

METHOD OF INSTRUCTION: A variety of instructional methods may be used depending on content area. These include but are not limited to: lecture, multimedia, cooperative/collaborative learning, labs and demonstrations, projects and presentations, speeches, debates, panels, conferencing, performances, and learning experiences outside the classroom. Methodology will be selected to best meet student needs.
COURSE OUTLINE:
I. Introduction and Assessment
II. Traffic-Accident Investigation Functions
III. Preparation for Traffic-Accident Investigation
   A. Organization
   B. Special Data Collection
   C. Forms
   D. Filing Equipment
   E. Training
   F. Planning
IV. Information From and About People
   A. Informants
   B. Questioning
   C. Recording
   D. Descriptions
   E. Injuries
V. Traffic-Accident Information From Roads
   A. Skidmarks
   B. Yawmarks
   C. Scuffs
   D. Flat-tire marks
   E. Imprints
   F. Road Scars
   G. Debris
VI. Simple Estimates of Vehicle Stopping Distances and Speed From Skidmarks
VII. Traffic Accident From Vehicles
VIII. Lamp Examination for ON or Off in Traffic Accidents
IX. Tire Examination Following Accidents
X. Measuring at the Scenes of Accidents
   A. Location of Objects
   B. Reference Lines and Points
   C. Recording
   D. Field Sketches
   E. Equipment
   F. Special Situations
XI. Photogrammetry
XII. Measuring the Road for After-Accident Situation Maps
XIII. Drawing After-Accident Situation Maps
   A. Equipment
   B. Drafting
   C. Map Layout
   D. Identification
   E. Mounting
   F. Associated Displays
XIV. Photography for Traffic-Accident Investigation
   A. Making Photos
EXPECTED LEARNER OUTCOMES:
A. The student will be able to demonstrate knowledge of traffic accident investigation functions.
B. The student will be able to demonstrate knowledge of the aspects of preparation for traffic accident investigation.
C. The student will be able to demonstrate knowledge of the procedures and techniques for collecting, presentation and preservation of information in traffic accident investigations.

COURSE COMPETENCIES:

The student will be able to demonstrate knowledge of traffic accident investigation functions.
1. The student will be able to identify and explain the seven functions of traffic accident investigation.
2. The student will be able to identify uses of traffic accident information.
3. The student will be able to explain the types of data used in traffic accident investigation.
4. The student will be able to describe each of the levels of accident investigation.
5. The student will be able to identify and define the three categories of accidents.
6. The student will be able to describe the data and procedures of each category of accident.

The student will be able to demonstrate knowledge of the aspects of preparation for traffic accident investigation.
7. The student will be able to describe how police departments should prepare organizationally for traffic accident investigation.
8. The student will be able to identify the three categories of programs for special data collection.
9. The student will be able to describe the forms and files that are used in standard traffic accident investigation.
10. The student will be able to identify the equipment used in traffic accident investigation.
11. The student will be able to describe the uses of each piece of equipment used in traffic accident investigation.
12. The student will be able to describe the training needed to be a competent traffic accident investigator.
13. The student will be able to list and describe the stages of planning at-scene investigations.
The student will be able to demonstrate knowledge of the procedures and techniques for collecting, preservation, and presentation of information in traffic accident investigation.

14. The student will be able to describe the methods of obtaining information from drivers.
15. The student will be able to describe the methods of obtaining information from witnesses.
16. The student will be able to identify the types of information needed from human participants.
17. The student will be able to identify techniques for describing injuries.
18. The student will be able to identify and explain the types of information that can be collected from roadways.
19. The student will be able to estimate vehicle stopping distances.
20. The student will be able to estimate vehicle speed from skid marks.
21. The student will be able to identify and explain the types of evidence that can be collected from vehicles.
22. The student will be able to identify types and importance of information related to automobile lamps.
23. The student will be able to identify and explain the types of evidence that can be collected from tires.
24. The student will be able to complete a tire examination.
25. The student will be able to complete appropriate measures at a sample accident scene.
26. The student will be able to explain and demonstrate the proper uses of photography at an accident scene.
27. The student will be able to describe the equipment used in measuring the roadway for mapping and report purposes.
28. The student will be able to describe and apply basic measuring techniques at an accident scene.
29. The student will be able to describe the factors that affect accuracy of measurement.
30. The student will be able to describe the equipment used in drawing after-accident situation maps.
31. The student will be able to prepare a drawing of an after-accident situation map for a sample scene.
32. The student will be able to describe the techniques of evidence preservation for accident investigation.

ASSESSMENT OF LEARNER OUTCOMES:
Student progress is evaluated by means that include, but are not limited to, exams, written assignments, and class participation.

SPECIAL NOTES:
Material included is intended to provide an outline of the course and rules that the instructor will adhere to in evaluating the student’s progress. However, this syllabus is not intended to be a legal contract. Questions regarding the syllabus are welcome any time.
Kansas City Kansas Community College is committed to an appreciation of diversity with respect for the differences among the diverse groups comprising our students, faculty, and staff that is free of bigotry and discrimination. Kansas City Kansas Community College is committed to providing a multicultural education and environment that reflects and respects diversity and that seeks to increase understanding.

Kansas City Kansas Community College offers equal educational opportunity to all students as well as serving as an equal opportunity employer for all personnel. Various laws, including Title IX of the Educational Amendments of 1972, require the college’s policy on non-discrimination be administered without regard to race, color, age, sex, religion, national origin, physical handicap, or veteran status and that such policy be made known.

Kansas City Kansas Community College complies with the Americans with Disabilities Act. If you need accommodations due to a documented disability, please contact the Director of the Academic Resource Center, in Rm. 3354 or call 913-288-7670.
Learning Outcomes
Discipline knowledge and content mastery is expected of all graduates. More specifically, KCKCC is committed to the Learning Outcomes listed below. We believe that competence in the Learning Outcomes is essential for the success of graduates and will enhance their ability to become contributing members of our increasingly complex world. These areas of knowledge and skills are equally valid for all KCKCC graduates, whether they transfer to a four-year college or pursue a career after leaving college.

General Education Learning Outcomes

Communication Learning Outcomes
The learner will have the ability to express, interpret, and modify ideas/information effectively (both written and oral), including but not limited to reading text accurately and correctly; writing with a clear purpose and effective organization; speaking effectively using appropriate styles that suit the message, purpose, and content; and employing active listening techniques.

Computation Learning Outcomes
The learner will have the ability to understand and apply mathematical concepts and reasoning using numerical data.

Critical Reasoning Learning Outcomes
The learner will understand inductive and deductive reasoning and have the ability to define problems and use data (qualitative and quantitative) to make complex decisions utilizing analysis, synthesis, and evaluation skills.

Technology and Information Management Learning Outcomes
The learner will have the ability to define, collect, organize, analyze, and evaluate information from a variety of sources. The learner will also have the ability to understand basic technology concepts and functionality in order to use technology as a tool to locate and retrieve information.

Community and Civil Responsibility Learning Outcomes
The learner will demonstrate knowledge, awareness, and understanding of diverse ideas, values, and perspectives of a culturally diverse world; an understanding of the ethical issues and values that are prerequisites for making sound judgments and decisions; a recognition of the obligation to become actively involved as a contributing member of the community; and a sensitivity to the awareness of aesthetic expression.
Personal and interpersonal Skills Learning Outcomes
The learner will have the ability to work cooperatively and productively with others; to understand and evaluate his/her capabilities; to manage his/her personal growth by setting realistic and appropriate goals.

SOCIAL AND BEHAVIORAL SCIENCES
STUDENT SUCCESS STRATEGIES

Know your teacher’s name.

Turn off your electronic devices in class/make paying attention to the work of the class your only concern.

Miss class only when you cannot attend/acquire missed information and materials ASAP.

Know your syllabus.

Know the attendance policy.

Know the requirements for tests and assignments.

Know information about final exam and make-up exams.

Know instructor’s position on use of Wikipedia or other online sources.

Know the instructor’s preferred writing style (APA, MLA, etc.).

Always know your grade.

Contact your teacher ASAP with concerns or questions.

Know the benefits of the academic resource center.

Know if your course has a practicum, service learning component, or other exception.

Use an academic planner.

Know the course withdrawal policy.

Know your instructor’s office hours and make appointments when necessary.

Know the school’s scholastic honesty policy.

Be familiar with the course learning objectives, course competencies, and the college’s 21st century learning outcomes for general education.