### Automotive - Auto, Lt Truck

**AUTO 101 Fundamentals of Automotive Service, Diagnosis and Repair**
- **Units:** 5
- **Prerequisite:** AUTO 101.
- **Intended for:** those seeking a career in the automotive service and repair industry. This National Automotive Technicians' Education Foundation certified course is one component of the Toyota Technical Education Network and Technicians' Education Cooperative programs.
- **Description:** This course covers essential engine theory, inspection, diagnosis, service and repair. Engine disassembly, inspection, measurements and assembly are covered, with emphasis on in-vehicle repairs. The course prepares students for ASE Engine Repair (A1) certification exam.
- **CRN:** 21227
  - **Instructor:** Eckeard, C.
  - **Days:** MT
  - **Time:** 08:00 AM-11:45 AM
  - **Room:** TE 103
  - **Dates:** 08/28-12/18

**AUTO 151 Engine Service, Diagnosis and Repair**
- **Units:** 5
- **Prerequisite:** AUTO 101.
- **Intended for:** those seeking a career in the automotive service and repair industry. This National Automotive Technicians' Education Foundation certified course is one component of the Toyota Technical Education Network and Technicians' Education Cooperative programs.
- **Description:** The course covers essential chassis system theory, along with inspection, diagnosis, service and repair of the following systems: brake, steering, suspension, alignment, wheel/tire, ride control and ABS. The course prepares students for ASE Suspension and Steering (A4) and ASE Brakes (A5) certification.
- **CRN:** 21232
  - **Instructor:** Korn, D.
  - **Days:** MT
  - **Time:** 08:00 AM-01:35 PM
  - **Room:** TE 105
  - **Dates:** 08/28-12/18

**AUTO 154 Chassis Service, Diagnosis, and Repair**
- **Units:** 8
- **Prerequisite:** AUTO 101.
- **Intended for:** those seeking a career in the automotive service and repair industry. This National Automotive Technicians' Education Foundation certified course is one component of the Toyota Technical Education Network and Technicians' Education Cooperative programs.
- **Description:** The course covers essential chassis system theory, along with inspection, diagnosis, service and repair of the following systems: brake, steering, suspension, alignment, wheel/tire, ride control and ABS. Course prepares students for ASE Suspension and Steering (A4) and ASE Brakes (A5) certification.
- **CRN:** 21233
  - **Instructor:** Eckeard, C.
  - **Days:** WR
  - **Time:** 08:00 AM-03:15 PM
  - **Room:** TE 104
  - **Dates:** 08/28-12/18

**AUTO 156 Automotive Electrical & Electronic Systems I**
- **Units:** 4
- **Prerequisite:** AUTO 101 or Corequisite AUTO 101.
- **Intended for:** those seeking a career in the automotive service and repair industry. This National Automotive Technicians' Education Foundation certified course is one component of the Toyota Technical Education Network and Technicians' Education Cooperative programs.
- **Description:** This class covers essential electrical and electronic systems theory, along with inspection, diagnosis, service & repair of specific electrical systems including the battery, starting systems, charging systems, lighting systems, gauges, and instrument-panel warning lights. Prepares students for ASE Electrical & Electronic Systems (A6) certification.
- **CRN:** 21236
  - **Instructor:** Brown, D.
  - **Days:** T
  - **Time:** 08:00 AM-01:20 PM
  - **Room:** TE 102
  - **Dates:** 08/28-12/18

**AUTO 162 Drivetrain Service, Diagnosis and Repair**
- **Units:** 8
- **Prerequisite:** AUTO 101.
- **Intended for:** those seeking a career in the automotive service and repair industry. This National Automotive Technicians' Education Foundation certified course is one component of the Toyota Technical Education Network and Technicians' Education Cooperative programs.
- **Description:** This course focuses on the service, diagnosis and repair of the manual and automatic automotive drivetrain systems. Appropriate lab activities in automobile drivetrain inspection, service and repair are included. The course prepares students for the ASE Automatic Transmission and Transaxle (A2) and Manual DriveTrain and Axles (A3) certification exams.
- **CRN:** 21238
  - **Instructor:** Clark, J.
  - **Days:** MT
  - **Time:** 08:00 AM-03:15 PM
  - **Room:** TE 104
  - **Dates:** 08/28-12/18

**AUTO 168 Engine Control Systems Service, Diagnosis and Repair**
- **Units:** 8
- **Prerequisite:** AUTO 101.
- **Intended for:** those seeking a career in the automotive service and repair industry. This National Automotive Technicians' Education Foundation certified course is one component of the Toyota Technical Education Network and Technicians' Education Cooperative programs.
- **Description:** The course covers essential engine management systems theory, along with inspection, diagnosis, service and repair of the following systems: ignition, air and fuel delivery, electronic engine controls, and auxiliary emission controls. The course prepares students for ASE Engine Performance (A8) certification.
- **CRN:** 21239
  - **Instructor:** Brown, D.
  - **Days:** WR
  - **Time:** 08:00 AM-03:15 PM
  - **Room:** TE 105
  - **Dates:** 08/28-12/18

**AUTO 230B Automotive Service and Repair Work Experience B**
- **Units:** 2
- **Prerequisite:** AUTO 101, 151, 154, 156, 162, 166, 167 and 168 SLOs.
- **Recommended Skills:** AUTO 101, 151, 154, 156, 162, 166, 167 and 168 SLOs. Strongly recommended: Completion of 16 units in automotive technology coursework.
- **Description:** Automotive technology work experience is designed to extend occupational learning through employment and coordinate the on-the-job training with program instruction. Individual student goals and learning objectives will be designed by the student cooperatively with the employer and faculty advisor. Lab hours are arranged and completed at the place of employment. This AUTO 230 course may be taken four times for a maximum of four units. Pass/No Pass grading only.
- **CRN:** 21244
  - **Instructor:** Clark, J.
  - **Days:** W
  - **Time:** 06:00 PM-09:45 PM
  - **Room:** TE 105
  - **Dates:** 08/28-12/18

**AUTO 230C Automotive Service and Repair Work Experience C**
- **Units:** 3
- **Prerequisite:** AUTO 101, 151, 154, 156, 162, 166, 167 and 168 SLOs. Strongly recommended: Completion of 16 units in automotive technology coursework.
- **Description:** Automotive technology work experience is designed to extend occupational learning through employment and coordinate the on-the-job training with program instruction. Individual student goals and learning objectives will be designed by the student cooperatively with the employer and faculty advisor. Lab hours are arranged and completed at the place of employment. This AUTO 230 course may be taken four times for a maximum of four units. Pass/No Pass grading only.
- **CRN:** 21245
  - **Instructor:** Clark, J.
  - **Days:** W
  - **Time:** 06:00 PM-09:45 PM
  - **Room:** TE 105
  - **Dates:** 08/28-12/18
### Schedule of Credit Classes - Fall 2010

**Note:** Course Dates indicate Beginning and Ending Dates  
M=Monday, T=Tuesday, W=Wednesday, R=Thursday, F=Friday, S=Saturday

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<th>CRN</th>
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<td>21246</td>
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<td>W</td>
<td>08/28-12/18</td>
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<td>6:30pm - 8:30pm</td>
<td>21319</td>
<td>Clark, J.</td>
<td>HRS-ARRG</td>
<td>08/28-10/23</td>
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<td>HRS-ARRG</td>
<td>10/25-12/18</td>
<td>Department approval required prior to enrollment.</td>
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**AUTO 230D Automotive Service and Repair Work**

**Experience D**

Recommended Skills: AUTO 101, 151, 154, 156, 162, 166, 167 and 168 SLOs.  
Strongly recommended: Completion of 16 units in automotive technology coursework.

Limitation on Enrollment: Department consent required prior to enrollment.

Automotive technology work experience is designed to extend occupational learning through employment and coordinate the on-the-job training with program instruction. Individual student goals and learning objectives will be designed by the student cooperatively with the employer and faculty advisor.

Lab hours are arranged and completed at the place of employment. This AUTO 230 course may be taken four times for a maximum of four units. Pass/No Pass grading only. 9 lecture hours, 640 lab hours.

**AUTO 698A Cooperative Education**

The student must be simultaneously enrolled in a class that relates to the Cooperative Education class.

A course designed to assist students in planning and accomplishing meaningful learning objectives related to Automotive Technology at their place of volunteer employment or training sites. This course may be taken four times. 60 hours lab arranged per semester.

**AUTO 141 Engine Mechanical Systems**

Prerequisite: AUTO 101.

Intended for those students majoring in automotive technology or those currently employed with an automotive service/repair establishment seeking to improve their skills. This course covers essential engine theory, inspection, diagnosis, service and repair. Engine inspection and measurements are covered, with emphasis on in-vehicle repairs. This course prepares students for ASE Engine Repair (A1) certification exam. 54 lecture hours, 54 lab hours.

CSU

21231 Eckeard, C. TR 06:00 PM-09:10 PM TE 105 08/28-12/18

Register online at citruscollege.edu/ar   WingSpan Registration Help Desk (626) 914-8833   Admissions and Records office (626) 914-8800