

Note: Course Dates indicate Beginning and Ending Dates

M=Monday, T=Tuesday, W=Wednesday, R=Thursday, F=Friday, S=

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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Automotive - Auto, Lt Truck

AUTO 101 Fundamentals of Automotive Service, Diagnosis and Repair 5 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.

Intended for automotive majors, this class serves as the pre-requisite for all automotive certificate and/or degree-applicable courses. Automobiles and light trucks will be explored from the point of view of the service technician. Scientific principles and operation of essential automotive technologies are central to the course goal of preparing students for entry into the automotive core curriculum.

Appropriate lab activities in automobile inspection, service and repair are included. 72 lecture hours, 54 lab hours. CSU

30605 Eckear, C. MT 08:00 AM-11:35 AM TE 103 02/17-06/12

Auto 101 students recommended to concurrently enroll in Auto 156

30606 Gonzalez, J. WR 08:00 AM-11:35 AM TE 103 02/17-06/12

Auto 101 students recommended to concurrently enroll in Auto 156

30607 Lancaster, J. MW 06:00 PM-09:35 PM TE 103 02/17-06/12

Auto 101 students recommended to concurrently enroll in Auto 156

30609 Bender, T. TR 06:00 PM-09:35 PM TE 103 02/17-06/12

Auto 101 students recommended to concurrently enroll in Auto 156

AUTO 148 Engine Control Systems 5 Units

Prerequisite: AUTO 101

Strongly recommended: READ 099 if required by reading placement exam or if by required reading level. Also, MATH 129 or higher and ENGL 100 or higher.

Generally intended for those students majoring in automotive technology and currently employed with an automotive service/repair establishment. This course includes limited laboratory time. The greatest benefit will be realized for those students with the ability to take the course content and apply it in their place of employment. The course covers essential engine management system theory, along with inspection, diagnosis, service and repair of the following systems: ignition, air and fuel delivery, electronic engine controls, and auxiliary emission controls. This course prepares students for ASE Engine Performance (A8) certification. 72 lecture hours, 54 lab hours. CSU

30612 Brown, D. TR 06:00 PM-09:35 PM TE 105 02/17-06/12

AUTO 151 Engine Service, Diagnosis and Repair 5 Units

Prerequisite: AUTO 101.

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. Also, MATH 129 or higher and ENGL 100 or higher.

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. The 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. 54 lecture hours, 135 lab hours.

30617 Korn, D. MT 08:00 AM-01:35 PM TE 105 02/17-06/12

AUTO 154 Chassis Service, Diagnosis, and Repair 8 Units

Prerequisite: AUTO 101.

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. Also, MATH 129 or higher and ENGL 100 or higher.

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. The course covers essential chassis system theory, along with inspection, diagnosis, service and repair of the following undercar 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. 108 lecture hours, 135 lab hours.

30619 Eckear, C. WR 08:00 AM-03:15 PM TE 104 02/17-06/12

AUTO 156 Automotive Electrical & Electronic Systems I 4 Units

Prerequisite: AUTO 101 Or Corequisite AUTO 101.

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. Also, MATH 129 or higher and ENGL 100 or higher.

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. 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. 54 lecture hours, 36 lab hours. CSU

30621 Mallory, R. T 08:00 AM-01:20 PM TE 102 02/17-06/12

30625 Korn, D. W 08:00 AM-01:20 PM TE 102 02/17-06/12

AUTO 162 Drivetrain Service, Diagnosis and Repair 8 Units

Prerequisite: AUTO 101.

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. Also, AUTO 154, MATH 129 or higher and ENGL 100 or higher.

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. 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. 108 lecture hours, 135 lab hours.

30638 Clark, J. MT 08:00 AM-03:15 PM TE 104 02/17-06/12

AUTO 168 Engine Control Systems Service, Diagnosis and Repair 8 Units

Prerequisite: AUTO 101.

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. Also, AUTO 151 and MATH 129 or higher and ENGL 100 or higher.

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. 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. This course prepares students for ASE Engine Performance (A8) certification. 108 lecture hours, 135 lab hours.

30639 Brown, D. WR 08:00 AM-03:15 PM TE 105 02/17-06/12

AUTO 230A Automotive Service and Repair Work Experience A 1 Units

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, 160 lab hours.

30901 Clark, J. W HRS-ARRG TE 115 02/17-06/12

The lectures will meet on the following Wednesdays:

Feb. 24, March 17, April 7, May 12, June 9

6:00pm - 8:00pm

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AUTO 230B Automotive Service and Repair Work Experience B 2 Units

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, 320 lab hours.

31004 Clark, J. W HRS-ARRG TE 115 02/17-06/12

The lectures will meet on the following Wednesdays:

Feb. 24, March 17, April 7, May 12, June 9

6:00pm - 8:00pm

AUTO 230C Automotive Service and Repair Work Experience C 3 Units

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, 480 lab hours.

31005 Clark, J. W HRS-ARRG TE 115 02/17-06/12

Clark, J. W HRS-ARRG 02/17-06/12

The lectures will meet on the following Wednesdays:

Feb. 24, March 17, April 7, May 12, June 9

6:00pm - 8:00pm

AUTO 230D Automotive Service and Repair Work Experience D 4 Units

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.

31007 Clark, J. W HRS-ARRG TE 115 02/17-06/12

The lectures will meet on the following Wednesdays:

Feb. 24, March 17, April 7, May 12, June 9

6:00pm - 8:00pm

AUTO 281 Advanced Toyota Certified Technician Training 6.5 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.

Other: Currently a full-time journeyman level technician with two years of dealership experience or four years experience at an independent repair facility or completion of 1080 hours of NATEF-Master certificated post-secondary automotive training program with at least 12 months of technician experience or successful completion of all requirements of the Automotive Service, Diagnosis and Repair - Toyota/Lexus/Scion Technican. Certificate of Achievement except the Auto 281 course.

An advanced-level course specifically designed to meet the Toyota Certified Technician Program requirements for certification in the following University of Toyota technical training courses: 021, 263, 302, 453, 553, 623, 652, 753, and 852. Only individuals meeting the requirement of the T-TEN Professional Certificate or the current T-TEN students that have completed the NATEF core classes may attend. Cla

31077 Vinci, D. TR 06:00 PM-10:15 PM TE 104 02/17-06/12
 Class will also meet on the following Saturdays:
 March 13, April 10, May 15, June 5
 8:00am - 3:50pm

AUTO 296 Cylinder Head Development 4 Units

Prerequisite: AUTO 295.
 Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.

A course designed to teach the skills necessary to develop a cylinder head for total performance. Emphasis will be placed on cylinder head development and reconditioning, head CCing, and basic flowbench operation. 54 lecture hours, 54 lab hours.

30873 Korn, D. MW 06:00 PM-09:10 PM TE 105 02/17-06/12