

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: ENGL 099 or READ 099 if required by English placement exam or if required by English 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

30550	Gonzalez, J.	MT	08:00 AM-10:05 AM	TE 103	02/22-06/16
	Gonzalez, J.	MT	10:06 AM-11:35 AM	AA 101	02/22-06/16
30551	Bender, T.	WR	08:00 AM-10:05 AM	TE 103	02/22-06/16
	Bender, T.	WR	10:06 AM-11:25 AM	AA 101	02/22-06/16
31212	Mallory, R.	MW	01:30 PM-03:35 PM	TE 103	02/22-06/16
	Mallory, R.	MW	03:35 PM-04:55 PM	AA 101	02/22-06/16
30552	Lipp, G.	MW	06:00 PM-08:00 PM	TE 103	02/22-06/16
	Lipp, G.	MW	08:01 PM-09:35 PM	AA 101	02/22-06/16

AUTO 151 Engine Service, Diagnosis and Repair 5 Units

Prerequisite: AUTO 101.
 Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level. Also, MATH 130 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. CSU

30562	Korn, D.	WR	08:00 AM-09:25 AM	TE 105	02/22-06/16
	Korn, D.	WR	09:26 AM-01:30 PM	TD 121	02/22-06/16

AUTO 154 Chassis Service, Diagnosis, and Repair 8 Units

Prerequisite: AUTO 101 and AUTO 156.
 Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level. Also, MATH 130 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. CSU

30564	Brown, D.	MT	08:00 AM-11:00 AM	TE 104	02/22-06/16
	Brown, D.	MT	11:01 AM-03:15 PM	TD 134	02/22-06/16

AUTO 156 Automotive Electrical & Electronic Systems I 5 Units

Prerequisite: AUTO 101 or one year minimum industry experience based on departmental approval or related coursework.
 Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level. Also, MATH 130 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. 68 lecture hours, 72 lab hours. CSU

30566	Korn, D.	MT	08:00 AM-10:00 AM	TE 102	02/22-06/16
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	Korn, D.	MT	10:01 AM-12:10 PM	AA 101	02/22-06/16
30570	Brown, D.	WR	08:00 AM-10:00 AM	TE 102	02/22-06/16
	Brown, D.	WR	10:01 AM-12:10 PM	AA 101	02/22-06/16

AUTO 162 Drivetrain Service, Diagnosis and Repair 8 Units

Prerequisite: AUTO 166.
 Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level. Also, MATH 130 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. CSU

30583	Clark, J.	MT	08:00 AM-11:00 AM	TE 104	02/22-06/16
	Clark, J.	MT	11:01 AM-03:15 PM	TD 131	02/22-06/16

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

Prerequisite: AUTO 151 and AUTO 166.
 Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level. Also, MATH 130 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. CSU

30584	Gonzalez, J.	WR	08:00 AM-11:00 AM	TE 105	02/22-06/16
	Gonzalez, J.	WR	11:01 AM-03:15 PM	TD 137	02/22-06/16

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

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. The AUTO 230 A-D series of courses may be taken in any combination for a maximum of four units. Pass/No Pass grading only. 9 lecture hours, 160 lab hours.

30796	Clark, J.	W	HRS-ARRG	TE 115	02/22-06/16
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The lectures will meet on the following Wednesdays:
 February 29, March 28, April 25, May 16, June 13
 at 6:30PM - 8:30PM. Location: TE 115

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.

30889	Clark, J.	W	HRS-ARRG	TE 115	02/22-06/16
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The lectures will meet on the following Wednesdays:
 February 29, March 28, April 25, May 16, June 13
 at 6:30PM - 8:30PM. Location: TE 115

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

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.

30890 Clark, J. W HRS-ARRG TE 115 02/22-06/16
 The lectures will meet on the following Wednesdays:
 February 29, March 28, April 25, May 16, June 13
 at 6:30PM - 8:30PM. Location: TE 115

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

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. The AUTO 230 A-D series of courses may be taken in any combination for a maximum of four units. Pass/No Pass grading only. 9 lecture hours, 640 lab hours arranged.

30892 Clark, J. W HRS-ARRG TE 115 02/22-06/16
 The lectures will meet on the following Wednesdays:
 February 29, March 28, April 25, May 16, June 13
 at 6:30PM - 8:30PM. Location: TE 115

AUTO 281 Advanced Toyota Certified Technician Training 6.5 Unit:

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English 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 Technician. 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. Classes are offered Pass/No Pass only. 88 lecture hours, 88 lab hours.

30953 Rubio, M. TR 06:00 PM-08:15 PM TE 104 02/22-06/16
 Rubio, M. TR 08:16 PM-09:45 PM TD 137 02/22-06/16
 Class will also meet on the following Saturdays:
 March 17, March 31, April 14, May 5, June 9
 8:00am - 3:50pm. Location: TE 115

AUTO 291 Engine Performance Enhancements and Tuning 3 Units

Prerequisite: AUTO 168 or consent of department.
 Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
 This class covers the engine performance enhancements available for automobiles, light trucks and motorcycles. The subject areas covered include stand-alone engine management systems, fuel systems, turbochargers, superchargers, nitrous oxide, ignition systems, and the use of the chassis dynamometer as a tuning tool. 36 lecture hours, 54 lab hours.

31603 Brown, D. TR 06:00 PM-07:15 PM TE 105 03/20-06/16
 Brown, D. TR 07:15 PM-09:20 PM TD 137 03/20-06/16
 Late Start Class

AUTO 296 Cylinder Head Development 4 Units

Prerequisite: AUTO 295 or one year of work experience in the automotive field with an emphasis on engine machining or repair.
 Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English 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.

31605 Korn, D. MW 06:00 PM-07:25 PM TE 105 02/22-06/16
 Korn, D. MW 07:26 PM-08:50 PM TD 121 02/22-06/16

AUTO 698A Cooperative Education 1 Units

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.

31351 Clark, J. HRS-ARRG 02/22-06/16
 Students are required to check in with instructor on the following Wednesdays:
 February 29, March 28, April 25, May 16, June 13
 at 6:30PM - 8:30PM. Location: TE 115.