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## MAJOR CHOSEN: AUTOMOTIVE SERVICES

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### I. A BRIEF DESCRIPTION OF THE MAJOR

This major leads to an Associate of Applied Science degree and prepares you for the day-to-day operations as an automobile and/or diesel mechanic. You will also receive the background for preparation in specialization or for eventually owning your own shop. The training is accomplished through classroom instruction, practical occupational training, and "hands on" experience.

### II. COURSE HIGHLIGHTS

Here are some of the courses you will especially enjoy:

*Automatic Transmissions and Transaxles* In this course you will learn to diagnose, tear down, and rebuild automatic transmissions and transaxles.

*Gasoline Engine Overhaul* This course will give you "hands on" experience in tearing down and totally rebuilding an engine, repairing or replacing defective parts, etc. You will learn what can be repaired versus what has to be replaced. When finished, you will install the engine back into the car and test-drive it before the car is returned to the owner.

*Diesel Engine Overhaul* This course gives you experience in disassembling, repairing, and reassembling diesel engines typically found in trucks and heavy equipment.

*Auto-Diesel Internship* Provides practical hands-on experience in a shop environment in which you work on customers' vehicles. Students will work on auto-diesel projects, develop diagnostic skills, and gain customer relation skills. This course will serve to reinforce and enhance our classroom instruction.

### III. A TYPICAL YEARLY COURSE SEQUENCE

This is a suggested program of study for you. Other refinements to your program can be made when you consult your faculty advisor at the time of your enrollment.

You will notice that some courses are listed as electives. These electives give you the opportunity to tailor your program by selecting courses you would like to take for your own personal enjoyment.



After completing the Associate of Applied Science degree in Auto-diesel, you have the option of pursuing the Bachelor of Arts degree in Practical Christian Training.

*First Year*

Orientation .....	1	Orientation .....	1
English .....	3	English .....	3
Methods of Bible Study .....	2	The Gospels.....	2
Shop Safety & Tools .....	1	Personal Evangelism .....	1
Applied Math .....	3	Power Fundamentals .....	2
Preventative Maintenance .....	1	Applied Physics.....	3
Electrical Systems .....	2	Auto-Diesel Internship .....	1
Auto-Diesel Internship .....	1	Suspension & Steering .....	4
Hydraulic Brakes .....	1	Total .....	17
Basic Welding .....	1		
Total .....	16		

*Second Year*

Basic Speech Skills I .....	3	Basic Speech Skills II .....	3
The Pentateuch .....	3	Electives .....	2
Christian Doctrines .....	3	Christian Doctrines .....	3
Gasoline Engine Overhaul .....	3	Heating & Air Conditioning .....	2
Fuel, Ignition, & Emission Systems .....	3	Automatic Transmissions & Transaxles .....	4
Auto-Diesel Internship .....	1	Auto-Diesel Internship .....	1
Total .....	16	Total .....	15

*Third Year*

Christian Family Forum .....	1	Practical Psychology .....	2
Nonhydraulic Brakes.....	2	Hydraulic Servicing .....	1
Diesel Engine Overhaul .....	4	Power Train On-Road Vehicles .....	3
Auto-Diesel Internship .....	1	Power Train Off-Road Equipment .....	2
Biblical Missions Elective.....	2	Auto-Diesel Internship .....	1
Electives.....	6	Bible Elective .....	2
Total .....	16	Electives .....	5
		Total .....	16

#### IV. FACILITIES, EQUIPMENT, AND OPPORTUNITIES

**You will study in a spacious,** 10,000 square foot, modern and well-equipped trades facility. Among the equipment you will use are an alignment machine and a diagnostic computer.

**Areas for work** include service bays, lifts, engine rebuilding areas, a tool room, and a parts cleaning room with hot tank.

**You will work on auto-diesel projects,** returning vehicles to service. Each year our students work on hundreds of vehicles.



**All students have opportunity to participate in the University's athletic program.** Through a well-integrated program of intramural athletic competition, a very high percentage of student participation is possible. You will have the opportunity to compete in a wide variety of both team and individual sports including soccer, basketball, softball, track, volleyball, tennis, swimming, badminton, table tennis, racquetball, archery, and wrestling.

**Davis Field House,** with over 87,000 square feet and seating for 3,000 people, contains 4 full-sized courts; auxiliary courts; indoor and outdoor tracks; swimming pool; café; and a fitness center with fully-equipped exercise room, aerobic room, sauna, and whirlpool.

**Completely equipped computer laboratories** are available for your use. There are many academic computer labs conveniently located all over campus. They consist of various types of PCs, Apple PowerMacs, and laser printers and are all interconnected via a Novell computer network.

**Chapel** is a central feature of Bob Jones University. This 35-minute service is held every morning, Monday through Thursday. These services are a source of great inspiration to students. Four days a week the Chapel message is brought by the President or by selected speakers. Each Friday the Chapel period is devoted to the meetings of various literary societies.

**The Mack Library,** with 90,000 square feet of floor space and seating for over 1,300 students, gives you access to 294,000 volumes, 1,100 current periodical subscriptions, and more than 17,000 music, speech, and language recordings. Mack Library offers access to over 65 electronic databases on the library web site. An interlibrary loan program is available through OCLC, a national database, for books not held in our library. Other prominent features include the Jerusalem Chamber, a replica of the room in Westminster Abbey in London in which work was done on the 1611 King James Bible, and the University Archives Room which displays materials about the Founder and history of the University.

**If you are planning to live on campus,** you will be glad to know that all of our residence halls are air-conditioned, have wall-to-wall carpeting, and have a phone in each room. You will be able to make long-distance calls directly from your room and have them automatically placed on your school bill. Computer network connectivity is available in all residence halls, as well.

All of our classrooms are air-conditioned. The Dining Common serves 8,500 delicious meals a day, and the Snack Shop and Bookstore in the Student Center carry just about anything you'll need.

You will find the finest Christian young people in the country are your fellow students, and without trying too hard, you may end up making a life-long friend!

## V. ABOUT THE FACULTY

The auto-diesel faculty has at least 39 years experience which includes work in a family-owned supply business, ownership and operation of a service station, shop supervisor in a car dealership, General Motors field service representative and service instructor, certification as a master technician by the *National Institute for Automobile Service Excellence* (ASE), and attendance at specialty schools to keep abreast of changes.



## VI. CAREER OPPORTUNITIES AND PLACEMENT

Our graduates are working in general automotive repair shops, fleet garages, car dealerships, and diesel shops. Some have gone on summer mission teams to maintain missionary vehicles. We receive a number of requests for graduates to maintain church and Christian school bus fleets, automotive dealerships, general repair shops, and specialty shops, both locally and across the nation.

## VII. BJU: AN AFFORDABLE EDUCATION

Enclosed is an expense sheet detailing the cost of attending Bob Jones University. When you compare our charges to those of other private colleges, we think you will be pleasantly surprised. We believe we offer a student more value for his dollar than anyone else in America. And to help you see how affordable "the Opportunity Place" can be for you, we have enclosed a financial aid brochure that you can use to evaluate your own situation. Your Admissions Counselor or the Director of Student Financial Aid would be happy to discuss this with you if you have any questions.

## HOW TO TAKE THE NEXT STEP . . .

If you can see yourself in the career described in the profile, then a great opportunity awaits you at Bob Jones University. It is the opportunity for the premier Christian college experience in all the world. It is the opportunity for learning, for fun, and for developing new friendships. It is the opportunity to prepare for a lifetime of service for the Lord . . .

The Opportunity Place . . . God's Special Place for You.