

CAREER CERTIFICATE PROGRAMS

CAREER PROGRAMS

These programs are designed to prepare students for entry-level employment in the workforce. Upon completion of a one or two-year program of study, the graduate will be awarded a Certificate of Proficiency. Students who complete the requirements of the Commercial Truck Driving training program or Barbering Instructor Training will be awarded a Certificate of Completion.

PLEASE NOTE: Students applying for admission to practical nursing and allied health programs must do so between September 1 and May 1. Students applying for admission to the barbering and cosmetology programs must do so by July 1.

Pearl River Community College offers support services to ensure the success of all members of the special populations. Students who have disabilities, students with limited English proficiency, academically disadvantaged students, students from economically disadvantaged families, students enrolled in nontraditional fields of study, single parents and displaced homemakers will be eligible for services through the special populations department. A list of the services provided is available in the special populations department. Students can be identified through enrolling in a Career-Technical program, or a student can self-identify by contacting the special populations department.

Below is a list of career programs and their locations.

Program	Location
Automotive Mechanics Technology*	Poplarville
Aviation Maintenance Technology*	Stennis International Airport(Kiln)
Barbering	Poplarville
Barbering Instructor Training**	Poplarville
Brick, Block, and Stonemasonry	Poplarville
Commercial Truck Driving**	Poplarville
Construction Maintenance Technology*	Poplarville
Cosmetology	Poplarville
Cosmetology Teacher Training	Poplarville
Dental Assistant	Forrest County Center(Hattiesburg)
Electrical Technology*	Poplarville
Heating, Air Conditioning and Refrigeration Technology*	Poplarville
Machine Tool Operation/Machine Shop Technology*	Poplarville
Practical Nursing	Forrest County Center/Poplarville
Welding and Cutting	Forrest County Center/Poplarville

*These programs can be taken as a two year technical program leading to an Associate in Applied Science Degree. See Technical Course descriptions.

**Upon completion of Commercial Truck Driving or Barbering Instructor Training, the student will be awarded a Certificate of Completion.

AUTOMOTIVE MECHANICS TECHNOLOGY Certificate of Proficiency Poplarville

The Automotive Mechanics Technology program prepares individuals to engage in the servicing and maintenance of all types of automobiles. Instruction includes the diagnosis of malfunctions and repair of engines, fuel, electrical, cooling, brake systems, and drive train and suspension systems. Instruction is also provided in the adjustment and repair of individual components such as transmissions and fuel systems. The program is certified by the National Institute of Automotive Service Excellence.

FRESHMAN YEAR

		SEMESTER HOURS	
		1st Sem.	2nd Sem.
ATT 1213	Brakes	3	
ATT 1811	Introduction, Safety, & Emp. Skills	1	

ATT 1124	Basic Electrical/Electronic Sys.	4	
ATT 2334	Steering & Suspension Systems	4	
	Approved Elective	3	
ATT 1715	Engine Repair		5
ATT 1424	Engine Performance I		4
ATT 1134	Advanced Electrical/Electronic Sys.		4
	Approved Elective		3

SOPHOMORE YEAR

ATT 2434	Engine Performance II	4	
ATT 2614	Heating and Air Conditioning	4	
ATT 2325	Automatic Transmissions/Transaxles	5	
	Approved Elective	2	
ATT 2444	Engine Performance III		4
ATT 1314	Manual Drive Trains/Transaxles		4
	Approved Elective		4-6

TOTAL CREDIT HOURS: 58/60

ACADEMIC ELECTIVES:

See Technical Degree Programs in this section of the catalog for AAS degree general education core courses.

APPROVED ELECTIVES:

ATE 1113	Science and Technology
ATT 1113	Applied Mathematics for Automotive Technicians
ATT 291(1-3)	Special Problem in Automotive Technology
ATT 292(1-6)	Supervised Work Experience in Automotive Technology
EET 1192	Fundamentals of Electronics
MST 1113	Introduction to Machining
WLV 191(1-3)	Special Problem in Welding and Cutting

BARBERING Certificate of Proficiency Poplarville

The Barbering program prepares individuals to cut, color, perm, shampoo, and style hair. Students are also instructed on the proper techniques in facial massaging and shaving. Special attention is given to hygiene, safety, skin, scalp diseases, and equipment sterilization. Instruction includes the study of sales, business management, laws governing the profession of barbering, and customer relationships. Successful completion of the program qualifies students for the State Barber Board Certification Examination. See special admission requirements for this program in the Admissions section in this catalog.

FRESHMAN YEAR

		SEMESTER HOURS		
		<i>1st Sem.</i>	<i>2nd Sem.</i>	<i>3rd Sem.</i>
BAV 1118	Basic Practices in Barbering	8		
BAV 1218	Fundamental Practices in Barbering I	8		
BAV 1318	Fundamental Practices in Barbering II		8	
BAV 1418	Intermediate Practices in Barbering I		8	
BAV 1518	Intermediate Practices in Barbering II			8
BAV 1618	Advanced Practices in Barbering			8

TOTAL CREDIT HOURS: 48

BARBERING

**Barbering Instructor Training Option
Certificate of Completion
Poplarville**

The Barbering Instructor Training course is a special course designed to prepare an individual to become a Barbering instructor. See special admission requirements for this program in the Admissions section in this catalog.

FIRST YEAR		SEMESTER HOURS
		<i>1st Sem.</i>
BAV 2218	Barbering Instructor Training	8

TOTAL CREDIT HOURS: 8

**BRICK, BLOCK AND STONEMASONRY
Certificate of Proficiency
Poplarville**

The Brick, Block and Stonemasonry program prepares individuals to lay bricks and/or blocks. Instruction includes laying out and/or spacing bonds; determining vertical and horizontal alignment of courses using gauges, plumb-bobs and levels; and cutting, notching and shaping blocks, bricks and stone to construct or repair walls, partitions, arches and fireplaces.

FRESHMAN YEAR		SEMESTER HOURS	
		<i>1st Sem.</i>	<i>2nd Sem.</i>
BBV 1115	Brick and Block Laying	5	
BBV 1215	Masonry Construction	5	
BBV 1223	Masonry Math and Blueprint Reading	3	
BBV 1303	Tools, Equipment & Safety	3	
BBV 1425	Advanced Block Laying		5
BBV 1525	Advanced Bricklaying		5
BBV 1623	Chimney & Fireplace Const.		3
_____	Electives		3

TOTAL CREDIT HOURS: 32

APPROVED ELECTIVES:

BBV 191(1-3)	Special Problem in Brick, Block, and Stonemasonry
BBV 192(1-6)	Supervised Work Experience in Brick, Block, and Stonemasonry
BBV 1723	Steps, Arches, and Brick Floors

**COMMERCIAL TRUCK DRIVING
Certificate of Completion
Poplarville**

Commercial Truck Driving is an eight week instructional program that prepares individuals to drive trucks and other commercial vehicles. It includes instruction in operating diesel powered vehicles, loading and unloading cargo, reporting delays or accidents on the road, verifying loads against shipping records, and maintaining necessary records. See special admission requirements for this program in the Admissions section in this catalog.

FRESHMAN YEAR		SEMESTER HOURS
		<i>1st Sem.</i>
DTV 1114	Commercial Truck Driving I	4
DTV 1124	Commercial Truck Driving II	4

TOTAL CREDIT HOURS: 8

CONSTRUCTION MANAGEMENT TECHNOLOGY
Certificate of Proficiency
Poplarville

The Construction Management Technology program is designed to prepare technicians for employment in businesses and firms within the construction industry in mid-level management operations as estimators, material specialists, planner, project managers, layout specialists or other construction operations. Students also learn how to identify safety hazards and notify proper authorities. Through an internship program, students have the opportunity to work in a position related to construction management.

FRESHMAN YEAR

		SEMESTER HOURS	
		1 st Sem.	2 nd Sem.
CON 1113	Survey of Modern Construction	3	
CON 1213	Construction Materials	3	
DDT 1114	Fundamentals of Drafting	4	
ATE 1113	Science and Technology	3	
CON 1222	Plans and Document Interpretation		2
CON 1234	Construction Systems I		4
DDT 1313	Principles of CAD		3
DDT 1413	Elementary Surveying		3

SUMMER TERM

CON 261(3-6) Internship in Construction	Engineering Technology	3-6
CON 262(3-6) Internship in Construction	Engineering Technology	3-6

SOPHOMORE YEAR

CON 2313	Construction Layout	3	
CON 2123	Construction Cost Estimation	3	
CON 2233	Construction Systems II	3	
_____	Technical Elective	3	
CON 2113	Construction Job Site Mgmt.		3
CON 2413	Construction Safety Standards		3
CON 2513	Leadership and Organization		3
_____	Technical Elective		3

TOTAL CREDIT HOURS: 55/61

TECHNICAL ELECTIVES:

CON 2243	Constructions Systems III
CON 261(3-6)	Internship in Construction Engineering Technology
CON 291(1-3)	Special Problem in Construction Engineering Technology
CON 292(1-6)	Supervised Work Experience in Construction Engineering Technology
DDT 1613	Architectural Design I
DDT 2253	Statics and Strength of Materials

COSMETOLOGY
Certificate of Proficiency
Poplarville

The Cosmetology program prepares individuals to care for hair, nails and skin with emphasis on hygiene, sanitation, customer relations, and salon management. Successful completion of the program qualifies a student for the State Board of Cosmetology Certification Examination. See special admission requirements for this program in the Admissions section in this catalog.

FRESHMAN YEAR

		SEMESTER HOURS		
		1 st Sem.	2 nd Sem.	3 rd Sem.
COV 1122	Cosmetology Orientation	2		
COV 1245	Cosmetology Sciences I	5		
COV 1426	Hair Care I	6		
COV 1622	Skin Care I	2		

COV 1522	Nail Care I	2	
COV 1255	Cosmetology Sciences II		5
COV 1436	Hair Care II		6
COV 1632	Skin Care II		2
COV 1532	Nail Care II		2
COV 1722	Salon Business I		2
COV 1263	Cosmetology Sciences III		3
COV 1443	Hair Care III		3
COV 1642	Skin Care III		2
COV 1542	Nail Care III		2
COV 1732	Salon Business II		2

TOTAL CREDIT HOURS: 46

COSMETOLOGY
Cosmetology Teacher Training Option
Certificate of Proficiency
Poplarville

The Cosmetology Teacher Training program is a special program designed to prepare an individual to become a Cosmetology instructor. See special admission requirements for this program in the Admissions section in this catalog.

FIRST YEAR

SEMESTER HOURS

		<i>1st Sem.</i>	<i>2nd Sem.</i>
COV 2816	Cosmetology Teacher Training I	6	
COV 2826	Cosmetology Teacher Training II	6	
COV 2836	Cosmetology Teacher Training III		6
COV 2846	Cosmetology Teacher Training IV		6

TOTAL CREDIT HOURS: 24

DENTAL ASSISTING
Certificate of Proficiency
Forrest County Center

The dental assistant prepares patients for treatment, assists the dentist chair-side by arranging instruments and materials and handling them during procedures, works in the laboratory and performs clerical duties as an office manager and receptionist. Most employment opportunities are in dental offices; however, other opportunities exist in hospital dental services, dental schools, dental products manufacturing companies, health maintenance organizations, insurance companies, and government agencies.

FRESHMAN YEAR

SEMESTER HOURS

		1st Sem.	2nd Sem.	3rd Sem.
DAT 1111	Orientation	1		
DAT 1214	Dental Materials	4		
DAT 1313	Dental Science I	3		
DAT 1415	Chairside Assisting I	5		
DAT 1513	Dental Radiology	3		
	Written Communication	3		
DAT 1612	Dental Health Education		2	
DAT 1323	Dental Science II		3	
DAT 1423	Chairside Assisting II		3	
DAT 1522	Dental Radiology II		2	
DAT 1714	Practice Management		4	
DAT 1816	Clinical Experience I		5	
SPT 1113	Oral Communication			3
DAT 1433	Chairside Assisting III			3
DAT 1823	Clinical Experience II			3
	Elective			

TOTAL CREDIT HOURS: 47

ELECTRICAL TECHNOLOGY
Certificate of Proficiency
Poplarville

The Electrical Technology program prepares individuals to install, operate, maintain, and repair electrically-energized systems such as residential, commercial, and industrial electric wiring, and DC/AC motors, controls, and electrical distribution panels. Instruction in the use of test equipment is included.

		SEMESTER HOURS	
		<i>1st Sem.</i>	<i>2nd Sem.</i>
FRESHMAN YEAR			
ELT 1192	Fundamentals of Electricity	2	
EET 1144	AC and DC Circuits	4	
ELT 1274	Switching Circuits	4	
ELT 1263	Blueprint Reading	3	
EET 1334	Solid State Devices and Circuits		4
ELT 1223	Motor Maintenance and Troubleshooting		3
ELT 1413	Motor Control Systems		3
ELT 1114	Residential Wiring		4
SOPHOMORE YEAR			
ELT 2613	Programmable Logic Controllers	3	
ELT 2424	Solid State Motor Control	4	
ELT 1133	Introduction to the NEC	3	
ELT 1124	Commercial/Ind. Wiring	4	
ATE 1113	Science & Technology		3
ELT 1253	Branch Circuits Service Cal.		3
ELT 2914	Special Project or		
ELT 292(4-6)	Supervised Work Experience		4-6
ELT 1213	Electrical Power		3
TOTAL CREDIT HOURS: 54/56			

HEATING, AIR CONDITIONING, AND REFRIGERATION TECHNOLOGY
Certificate of Proficiency
Poplarville

The Heating, Air Conditioning and Refrigeration Technology program prepares individuals to work in engineering departments or private firms installing, maintaining, and operating small or medium air conditioning, heating and refrigeration systems. Instruction prepares individuals to work in a commercial setting performing special tasks relating to designing ductwork, assembly, installation, servicing, operation, and maintenance of heating and cooling systems according to the standards of the American Society of Heating, Refrigeration, and Air Conditioning Contractors of America (ACCA), and Air Conditioning Refrigeration Institute (ARI). Instruction includes air conditioning, heating, and refrigeration devices; equipment, techniques, and systems; and maintenance and operation of these systems.

		SEMESTER HOURS	
		<i>1st Sem.</i>	<i>2nd Sem.</i>
ACT 1124	Basic Compression Refrigeration	4	
ACT 1713	Electricity for Heating, Ventilation, Air Conditioning and Refrigeration	3	
ACT 1133	Tools and Piping	3	
	Technical Elective	3	
ACT 1313	Refrigeration System Components		3
ACT 1812	Professional Service Procedures		2
ACT 1213	Controls		3
	Technical Electives		6

SOPHOMORE YEAR

ACT 2414	Air Conditioning I	4	
ACT 2513	Heating Systems	3	
ACT 2624	Heat Load and Air Properties	4	
ELT 1223	Motor Maintenance	3	
ACT 2424	Air Conditioning II		4
ACT 2324	Commercial Refrigeration		4
ACT 2433	Refrigerant, Retrofit and Regulations		3
ACT 2913	Special Project in Heating and AC Technology		3

TOTAL CREDIT HOURS: 55**TECHNICAL ELECTIVES:**

ACT 291(1-3)	Special Project in Heating and AC Technology
ACT 292(1-6)	Supervised Work Experience in Heating and AC Technology
ATE 1113	Science and Technology
ELT 1192	Fundamentals of Electricity
ELT 1213	Electrical Power

MACHINE TOOL OPERATION/MACHINE SHOP TECHNOLOGY
Certificate of Proficiency
Poplarville

The Machine Tool Operation/Machine Shop Technology program prepares individuals to shape metal parts on machines such as lathes, grinders, drill presses, and milling machines. Instruction in making computations related to work dimensions, testing, feeds, and speeds of machines; using precision measuring instruments such as layout tools, micrometers, and gauges; machining and heat-treating various metals; and laying out machine parts is also included. Also included is instruction in the operation and maintenance of computerized equipment.

FRESHMAN YEAR

		SEMESTER HOURS	
		<i>1st Sem.</i>	<i>2nd Sem.</i>
MST 1413	Blueprint Reading	3	
MST 1115	Power Machinery I	5	
MST 1313	Machine Tool Mathematics	3	
	Technical Elective	3	
MST 1125	Power Machinery II		5
MST 1613	Precision Layout		3
MST 1423	Advanced Blueprint Reading		3
ATE 1113	Science and Technology		3

SOPHOMORE YEAR

MST 2135	Power Machinery III	5	
MST 2714	Computer Num. Cont. Op. I	4	
	Technical Elective	3	
MST 2144	Power Machinery IV		4
MST 2725	Computer Num. Cont. Op. II		5
MST 2813	Metallurgy		3

TOTAL CREDIT HOURS: 52**TECHNICAL ELECTIVES:**

DDT 1114	Fundamentals of Drafting
DDT 1313	Principles of CAD
MST 1113	Introduction to Machine Shop Technology
MST 291(1-3)	Special Problem in Machine Tool Technology
MST 292(1-6)	Supervised Work Experience in Machine Tool Technology

PRACTICAL NURSING
Certificate of Proficiency
Poplarville and Forrest County Center

The Practical Nursing program prepares the individual to assist in providing general nursing care requiring basic knowledge of the biological, physical, behavioral, psychological, and sociological sciences; and of nursing procedures which do require the substantial skills, judgment and knowledge required of a registered nurse. This care is performed under the direction of a registered nurse, licensed physician or dentist. Students that complete the

program requirements as identified by the Mississippi Department of Education will be eligible to apply for LPN licensure. See special admission requirements for this program in the Admissions section in this catalog.

FRESHMAN YEAR

SEMESTER HOURS

		<i>1st Sem.</i>	<i>2nd Sem.</i>	<i>3rd Sem.</i>
PNV 1113	Basic Nutrition	3		
PNV 1213	Body Structure and Function	3		
PNV 1312	Growth and Development	2		
PNV 1425	Fundamentals of Nursing	5		
PNV 1434	Fundamentals of Nursing Laboratory	4		
PNV 1412	Geriatric Nursing		2	
PNV 1513	Pharmacology		3	
PNV 1615	Medical-Surgical Nursing		5	
PNV 1624	Medical-Surgical Nursing Laboratory and Clinical		4	
PNV 1633	Alterations in Adult Health		3	
PNV 1644	Alterations in Adult Health Laboratory and Clinical			4
PNV 1717	Maternal-Child Nursing			7
PNV 1813	Psychiatric Concepts			3
PNV 1912	Nursing Transition			2

TOTAL CREDIT HOURS: 50

**WELDING AND CUTTING
Certification of Proficiency
Poplarville and Forrest County Center**

The Welding and Cutting program is designed to prepare the student for entry level employment in the field of welding and cutting. The curriculum includes Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Flux Cored Arc Welding (FCAW), Pipe Welding, Plasma Arc Welding (PAC), Carbon Arc Cutting, Oxyfuel Cutting, Gas Metal Arc Aluminum Welding, and Gas Tungsten Arc Welding (GTAW). The welding competencies in this curriculum were developed to coincide with the Guide for the Training and Qualification of Welding Personnel: Entry Level Welders (AWS EG2.0-95) and Specification for Qualification and Certification for Entry level Welders (AWS QC 10-95), developed by the American Welding Society.

FRESHMAN YEAR

SEMESTER HOURS

		<i>1st Sem.</i>	<i>2nd Sem.</i>
WLV 1115	Shielded Metal Arc Welding I	5	
WLV 1225	Shielded Metal Arc Welding II	5	
WLV 1314	Cutting Processes	4	
WLV 1232	Drawing and Welding Symbols	2	
WLV 1171	Welding Inspection	1	
WLV 1135	Gas Tungsten Arc Welding		5
WLV 1143	Flux Cored Arc Welding		3
WLV 1123	Gas Metal Arc Welding		3
_____	Career Elective		5

TOTAL CREDIT HOURS: 33

CAREER ELECTIVES:

WLV 192(1-6)	Supervised Work Experience in Welding and Cutting
WLV 191(1-3)	Special Problem in Welding and Cutting
WLV 1162	Gas Metal Arc Aluminum Welding
WLV 1155	Pipe Welding
WLV 1254	Advanced Pipe Welding