

Power Sports & Equipment Technology

FACULTY

John Irish, 253.680.7476, jirish@bates.ctc.edu

The Power Sports & Equipment Technology program prepares students for entry-level employment in the power sports industry and the power equipment industry. Students in this program will learn to maintain a wide variety of two and four cycle engines, power trains, chassis and related components.

Power Sports: Maintenance and repair of power sports vehicles such as motorcycles, sport utility vehicles, personal watercraft and boats for employment in dealerships, independent repair shops, rental companies, fleet repair facilities and self-employment.

Power Equipment: Maintenance and repair of outdoor power equipment, including lawn and garden equipment and light industrial/commercial equipment. Employment may be in lawn and garden stores, department stores, rental companies, landscaping companies, golf courses, fleet repair facilities and self-employment.

Associate of Technology Degree: 130 credits

Power Sports & Equipment Technology

Completion Range: 16-19 Months

		<u>Credits/Hours</u>
PST	091 Occupational Human Relations	1/17
PRST	092 Occupational Communication	2/33
PST	094 Shop Safety	1/20
PRST	095 Environmental Protection	2/33
PST	097 Pre-Apprenticeship Welding	11/180
PST	101 Tools & Equipment	4/66
PST	102 Pre-Delivery Maintenance	3/50
PST	103 Seasonal Maintenance	6/100
PST	104 Periodic Maintenance	3/50
PST	110 Engine Service, Repair I	12/200
PST	111 Engine Service, Repair II	12/200
PST	121 Electrical Systems I	3/50

Motorcycle Service Technology Career Path

MCST	130 Motorcycle Power Trains	9/150
MCST	210 Advanced Two-stroke Repair	12/200
MCST	211 Advanced Four-stroke Repair	12/200
MCST	231 Motorcycle Electrical Systems	9/150
MCST	232 Frame & Suspensions	7/120
MCST	233 Brake Systems	5/80
MCST	289 Advanced, Independent Project I	9/150
MCST	290 Advanced, Independent Project II	9/150

Marine Service Technology Career Path

MAST	130 Marine Power Trains	9/150
MAST	210 Advanced Two-stroke Repair	12/200
MAST	211 Advanced Four-stroke Repair	12/200
MAST	231 Marine Electrical Systems	9/150
MAST	232 Marine Steering Systems	5/80
MAST	233 Trailer Maintenance	7/120
MAST	289 Advanced, Independent Project I	9/150
MAST	290 Advanced, Independent Project II	9/150

Power Equipment Technology Career Path

PET	130 Outdoor Power Equipment Power Trains	9/150
PET	210 Advanced Two-stroke Repair	12/200
PET	211 Advanced Four-stroke Repair	12/200
PET	231 Outdoor Power Equipment Electrical Systems	9/150
PET	232 Frame & Suspensions	7/120
PET	233 Brake Systems	5/80
PET	289 Advanced, Independent Project I	9/150
PET	290 Advanced, Independent Project II	9/150

General Education Requirements

	<u>Credits</u>
100-level or> Human Relations – HREL, PSYCH, SOC or CMST	5
100-level or> Communications – ENGL or CMST	5
100-level or> Mathematics – MATH	5

NOTE: Credits must be from a single career path. MCST, MAST and PET may NOT be combined.

Certificate of Competency: 65 credits

Power Sports & Equipment Technician

Completion Range: 8-12 Months

	<u>Credits/Hours</u>	
PST	091 Occupational Human Relations	1/17
PRST	092 Occupational Communication	2/33
PST	094 Shop Safety	1/20
PRST	095 Environmental Protection	2/33
PST	101 Tools & Equipment	4/66
PST	102 Pre-Delivery Maintenance	3/50
PST	103 Seasonal Maintenance	6/100
PST	104 Periodic Maintenance	3/50
PST	110 Engine Service, Repair I	12/200
PST	111 Engine Service, Repair II	12/200
PST	121 Electrical Systems I	3/50
MAST	130 Marine Power Trains	9/150
MCST	232 Frame and Suspension Systems	7/120

General Education Requirements

	<u>Credits</u>
90-level or> Human Relations – HREL, PSYCH, SOC or CMST	3
90-level or> Communications – ENGL or CMST	3
90-level or> Mathematics – MATH	3

90-level credit units apply toward meeting certificate requirements, but do not apply toward degree requirements.