

HILLSBOROUGH COMMUNITY COLLEGE

ACADEMIC ADVISING GUIDE • POST-SECONDARY ADULT VOCATIONAL (PSAV) CERTIFICATE • 2011/2012

Degree/Program Code VOC.AWT - ADVANCED WATER TREATMENT

Graduates from this program will find careers in the water field, working in such diverse areas as the semiconductor industry, the food processing industry, aerospace industry, electrical power industry, city/county water departments, water reuse or recycling plants, desalination plants, engineering and environmental consulting firms and state planning offices.

PROGRAM REQUIREMENTS (675 CLOCK HOURS)			Clock Hrs	Voc Cr	IP	C
EVS	0150	Certification Review	45	1.5		
EVS	0160	Advanced Membrane Monitoring	45	1.5		
EVS	0161	Conventional and Pretreatment Technologies	45	1.5		
EVS	0162	High Purity Water Technologies	45	1.5		
EVS	0163	Introduction to Water Treatment Systems	45	1.5		
EVS	0164	Ion Exchange Technologies	45	1.5		
EVS	0165	Membrane Technologies	45	1.5		
EVS	0166	Membrane Technologies II	45	1.5		
EVS	0167	Membrane Unit Monitoring & Troubleshooting	45	1.5		
EVS	0170	Pretreatment Troubleshooting	45	1.5		
EVS	0171	Water Analysis and Monitoring	45	1.5		
EVS	0172	Water Treatment Biology	45	1.5		
EVS	0173	Water Treatment Chemistry	45	1.5		
EVS	0174	Water Treatment Controllers	45	1.5		
EVS	0175	Water Treatment Plan Equipment	45	1.5		

IP - In Progress
C - Completed Course

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6/23/2011

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Degree/Program Code VOC.ARR.TECH - AUTOBODY COLLISION REPAIR AND REFINISHING

This program teaches automotive painting, body repair, frame straightening, trim and custom painting, tinting, welding, and glass and sheet metal installation.

A PSAV Certificate in this program may be earned by completing 1,400 clock hours in the following courses:

PROGRAM REQUIREMENTS (1,400 CLOCK HOURS)			Clock Hrs	Voc Cr	IP	C
ARR	0020	Estimating	100	3.33		
ARR	0110	Welding and Cutting	100	3.33		
ARR	0121	Refinishing	300	10		
ARR	0240	Plastic Repair	100	3.33		
ARR	0290	Structural Repair	150	5		
ARR	0310	Non-structural Repair	150	5		
ARR	0374	Mechanical and Electrical Repair	100	3.33		
ARR	0940	Auto Collision Internship	400	13.33		

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Degree/Program Code VOC.AST - AUTOMOTIVE SERVICE TECHNOLOGY

This program is designed for high school graduates who are interested in automotive technology as a career option or who desire post-secondary vocational training as a means of expanding or enhancing their career opportunities.

PROGRAM REQUIREMENTS (1,800 CLOCK HOURS)			Clock Hrs	Voc Cr	IP	C
AER	0010C	Introduction to Automotive Technology	150	5		
AER	0199C	Engine Repair	150	5		
AER	0299C	Automatic Transmission & Transaxles	150	5		
AER	0399C	Manual Transmission & Drivelines	150	5		
AER	0691C	Electrical/Electronic Systems I	150	5		
AER	0692C	Electrical/Electronic Systems II	150	5		
AER	0599C	Brake Systems	150	5		
AER	0499C	Suspension & Steering Systems	150	5		
AER	0891C	Engine Performance	150	5		
AER	0892C	Engine Performance II	150	5		
AER	0797C	Air Conditioning & Heating Systems	150	5		
AER	0949C	Automotive Technology Co-op Work Experience	150	5		

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Degree/Program Code VOC.BB - BAIL BONDING

Student who graduate from this program will be eligible to become a bail bond agent for the State of Florida

A PSAV Certificate in this program may be earned by completing 120 clock hours in the following course:

PROGRAM REQUIREMENTS (120 CLOCK HOURS)			Clock Hrs	Voc Cr	IP	C
SCY	0010	Bail Bond	120	4		

IP - In Progress
C - Completed Course

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Degree/Program Code VOC.TRANS.TECH1 - BUS TRANSIT TECHNICIAN I

A PSAV Certificate in this program may be earned by completing 620 clock hours in the following courses:

PROGRAM REQUIREMENTS (620 CLOCK HOURS)			Clock Hrs	Voc Cr	IP	C
DIM	0810	Transit Equipment Preventive Maintenance	200	6.6		
DIM	0811	Transit Basic Electrical Systems	120	4.0		
DIM	0812	Transit Wheelchair Lift/Ramp	60	2.0		
DIM	0813	Transit Diesel Engine Preventative Maintenance	120	4.0		
DIM	0814	Transit Steering and Suspension	120	4.0		

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C - Completed Course

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Degree/Program Code VOC.TRANS.TECH2 - BUS TRANSIT TECHNICIAN II

A PSAV Certificate in this program may be earned by completing 620 clock hours in the following courses:

PROGRAM REQUIREMENTS (620 CLOCK HOURS)			Clock Hrs	Voc Cr	IP	C
DIM	0820	Transit Hydraulics	60	2.0		
DIM	0821	Transit Diesel Electrical and Diesel Engine Electronics	120	4.0		
DIM	0822	Transit Drive Train	120	4.0		
DIM	0823	Transit Intermediate Electrical Systems	120	4.0		
DIM	0824	Transit Brakes/Air System	200	6.6		

IP - In Progress
C - Completed Course

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Degree/Program Code VOC.TRANS.TECH3 - BUS TRANSIT TECHNICIAN III

A PSAV Certificate in this program may be earned by completing 680 clock hours in the following courses:

PROGRAM REQUIREMENTS (680 CLOCK HOURS)			Clock Hrs	Voc Cr	IP	C
DIM	0830	Transit Alternative Fuels Systems	120	4.0		
DIM	0831	Transit Advanced Electrical Systems	120	4.0		
DIM	0832	Transit Heating and A/C	200	6.6		
DIM	0833	Transmission Diagnosis, Rebuild and Repair	120	4.0		
DIM	0834	Diesel Engine Diagnosis	120	4.0		

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HEALTH SCIENCE APPLICATION IS REQUIRED

NO APPLICATION DEADLINE: STUDENTS MAY APPLY FALL, SPRING OR SUMMER

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Degree/Program Code VOC.DEA - DENTAL ASSISTING

A PSAV Certificate in Dental Assisting may be earned by completing 1,235 clock hours in the following courses:

PROGRAM REQUIREMENTS (1,235 CLOCK HOURS)			Clock Hrs	Voc Cr	IP	C
DEA	0130	Allied Dental Theory	45	1.5		
DEA	0134	Dental Office Emergencies	30	1.0		
DEA	0801L	Dental Practicum	254	8.5		
DEA	0804	Clinical Practice I	80	2.7		
DEA	0804L	Clinical Practice Lab	150	5.0		
DEA	0931	Dental Assisting in Orthodontics	15	0.5		
DEA	0931L	Dental Assisting in Orthodontics Lab	30	1.0		
DES	0021	Head, Neck, and Dental Anatomy	45	1.5		
DES	0021L	Head, Neck, and Dental Anatomy Lab	30	1.0		
DES	0053	Dental Pharmacology/Pain Control	30	1.0		
DES	0053L	Dental Pharmacology/Pain Control Lab	15	0.5		
DES	0103	Dental Materials	45	1.5		
DES	0103L	Dental Materials Lab	45	1.5		
DES	0205	Dental Radiology	45	1.5		
DES	0205L	Dental Radiology Lab	45	1.5		
DES	0300	Dental Psychology	15	0.5		
DES	0400	Dental Anatomy and Physiology	45	1.5		
DES	0500	Computer Applications in Modern Dentistry	30	1.0		
DES	0501	Dental Office Management	30	1.0		
DES	0800	Introduction to Clinical Procedures	60	2.0		
DES	0800L	Introduction to Clinical Procedures Lab	30	1.0		
DES	0830	Expanded Functions for Dental Auxiliaries	15	0.5		
DES	0830L	Expanded Functions for Dental Auxiliaries Lab	45	1.5		
DES	0844	Preventive Dentistry	30	1.0		
DES	0936	Dental Seminar	15	0.5		
HSC	0003	Fundamentals of Allied Health Occupations	16	0.5		

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Degree/Program Code VOC.CHILD - EARLY CHILDHOOD EDUCATION
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This program provides students with the knowledge and skills needed to be employed as a child care worker, a childcare teacher aide, a preschool teacher or a childcare development specialist. Graduates are eligible to receive a Florida Child Care Professional Credential (FCCPC).

A PSAV Certificate in this program may be earned by completing 610 clock hours in the following courses:

PROGRAM REQUIREMENTS (610 CLOCK HOURS)			Clock Hrs	Voc Cr	IP	C
HEV	0108	Child Abuse and Neglect	4	0.1		
HEV	0111	Child Growth and Development I	10	0.3		
HEV	0114	Rules and Regulations	2	0.1		
HEV	0130	Child Growth and Development II	10	0.3		
HEV	0132	Developmentally Appropriate Activities	15	0.5		
HEV	0137	Learning Environments I	15	0.5		
HEV	0141	Understanding and Guiding Children's Behavior	10	0.3		
HEV	0142	Learning Environments II	10	0.3		
HEV	0152	The Early Childhood Profession	10	0.3		
HEV	0163	Leadership	10	0.3		
HEV	0164	Food and Nutrition	4	0.1		
HEV	0172	Behavioral Observation and Screening	10	0.3		
HEV	0181	Observing and Recording Behaviors	10	0.3		
HEV	0183	Child Care Practicum I	100	3.3		
HEV	0184	Child Care Practicum II	250	8.3		
HEV	0185	Child Care Practicum III	130	4.3		

Select 10 clock hours from the following:

HEV	0175	Developmentally Appropriate Practice: Infant/Toddler	10	0.33		
HEV	0151	Developmentally Appropriate Practice: Young Child	10	0.33		
HEV	0126	Developmentally Appropriate Practice: Special Needs	10	0.33		
HEV	0195	Developmentally Appropriate Practice: School Age	10	0.33		

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Degree/Program Code VOC.BCA.BCV
Field Service Engineer (Low Voltage Systems) Apprenticeship

A PSAV Certificate in this program may be earned by completing 4,360 clock hours in the following courses:

PROGRAM REQUIREMENTS (4,360 CLOCK HOURS)			Clock Hrs	Voc Cr	IP	C
BCA	0375	Telecom Technician Apprenticeship VI	90	3.0		
BCA	0376	Telecom Technician Apprenticeship VII	90	3.0		
BCA	0385	Telecom Technician Apprenticeship VI Co-op	1000	33.3		
BCA	0386	Telecom Technician Apprenticeship VII Co-op	1000	33.3		
BCV	0871	Electrical Apprenticeship I	90	3.0		
BCV	0872	Electrical Apprenticeship II	90	3.0		
BCV	0950	Electrical Apprenticeship I Co-op	1000	33.3		
BCV	0951	Electrical Apprenticeship II Co-op	1000	33.3		

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Degree/Program Code VOC.FF - FIRE FIGHTING

Students who graduate from this program will be eligible to take the state certification examination administered by the Florida Bureau of Fire Standards and Training to become a certified fire fighter in Florida. For more information, please call the Fire Fighters Program Manager at 813-253-7628.

A PSAV Certificate in this program may be earned by completing 503 clock hours in the following courses:

PROGRAM REQUIREMENTS (503 CLOCK HOURS)			Clock Hrs	Voc Cr	IP	C
FFP	0010	Firefighting I	206	6.86		
FFP	0020	Firefighting II	192	6.4		
FFP	0026	Firefighting III	37	1.23		
FFP	0141	Emergency Services First Responder	53	1.76		
SLS	0341	Employability Skills	15	0.5		

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Degree/Program Code VOC.GEY - GERIATRIC CARE ASSISTANT

This program prepares students for employment in community centers, social service agencies, home health care, nursing homes, and assisted living facilities.

A PSAV Certificate in this program may be earned by completing 450 clock hours in the following courses:

PROGRAM REQUIREMENTS (450 CLOCK HOURS)			Clock Hrs	Voc Cr	IP	C
GEY	0300	Communication with Older Adults	100	3.33		
GEY	0304	Community Resources	10	0.33		
GEY	0606	Physical Changes and Aging	100	3.33		
GEY	0611	Depression: Recognition and Treatment	20	0.66		
GEY	0624	Grief and Loss in Later Years	20	0.66		
GEY	0653	Ethical and Legal Issues in Aging	50	1.66		
HEV	0008	Health, Wellness and Nutrition	100	3.33		
SLS	0504	Critical Thinking and Problem Solving	50	1.66		

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Limited Access Program

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Degree/Program Code VOC.PSA - POLICE SERVICE AIDE

This program's content includes, but is not limited to, the employee's role, constitutional and criminal law, crash investigation, first responder techniques, traffic control and police community relations. Upon completion of the 206 hour Police Service Aide Program the student will also be certified as a Parking Enforcement Specialist and Traffic Crash Investigator in accordance with 316.640, F.S.

A PSAV Certificate in this program may be earned by completing 206 clock hours in the following courses:

PROGRAM REQUIREMENTS (206 CLOCK HOURS)			Clock Hrs	Voc Cr	IP	C
CJD	0236	Police Service Aide	206			

Note: This is a Limited Access Program for students employed by a law enforcement agency.

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Degree/Program Code VOC.PST - PUBLIC SAFETY TELECOMMUNICATIONS

This program prepares students for a career as a police or fire dispatcher.

A PSAV Certificate in this program may be earned by completing 232 clock hours in the following courses:

PROGRAM REQUIREMENTS (232 CLOCK HOURS)			Clock Hrs	Voc Cr	IP	C
CJK	0520C	Public Safety Telecommunications I	208	6.93		
CJK	0551C	Public Safety Telecommunications II	24	0.8		

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Degree/Program Code **VOC.RV.SVC.TECH - RECREATIONAL VEHICLE SERVICE TECHNICIAN**

A PSAV Certificate in this program may be earned by completing 1000 clock hours in the following courses:

PROGRAM REQUIREMENTS (1000 CLOCK HOURS)			Clock Hrs	Voc Cr	IP	C
ARR	0071	Lot Porter	150	5		
ARR	0072	Pre-delivery Inspection Technician	300	10		
ARR	0073	Recreational Vehicle Technician I	275	9.2		
ARR	0074	Recreational Vehicle Technician II	275	9.2		

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Degree/Program Code VOC.SMF.TECH - Sheet Metal Fabrication Tech.

A PSAV Certificate in this program may be earned by completing 1350 clock hours in the following courses:

PROGRAM REQUIREMENTS (1350 CLOCK HOURS)			Clock Hrs	Voc Cr	IP	C
PMT	0030	Sheet Metal Helper	450	15.0		
PMT	0032	Sheet Metal Fabricator	225	7.5		
PMT	0033	Architectural Fabricator	225	7.5		
PMT	0034	Commercial Kitchen Fabricator	225	7.5		
PMT	0035	Sheet Metal Welder	225	7.5		

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Degree/Program Code VOC.WELDING.TECH - WELDING TECHNOLOGY

A PSAV Certificate in this program may be earned by completing 1170 clock hours in the following courses:

PROGRAM REQUIREMENTS (1170 CLOCK HOURS)			Clock Hrs	Voc Cr	IP	C
PMT	0011	Welder: Helper	250	8.3		
PMT	0012	Welder: Shielded Metal Arc	250	8.3		
PMT	0013	Welder: Gas Metal Arc	125	4.1		
PMT	0014	Welder: Flux Cored Arc Welding	100	3.3		
PMT	0015	Welder: Gas Tungsten Arc	175	5.8		
PMT	0016	Welder: Pipe	270	9.0		

IP - In Progress
C - Completed Course

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