



Diesel and Heavy Equipment Technician 32-412-1

www.blackhawk.edu/eo/techdipl/dieshequip.htm

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Diesel and Heavy Equipment Technician Curriculum Associate Degree Individualized Technical Studies (Option) 2010-2011

Course Number	Course Name	Credits	Lec-Lab	
				General Education Courses: 21 credits required
Semester I				Communications - 6 credits required:
070-321	Heating, Cooling & A/C	3	2-3	801-195 Written Communications 3
070-345	Service Policy and Procedure	1	3-0	801-196 Oral/Interpersonal Communication 3
412-347	Inspection & Maintenance Procedures	4	4-3	801-197 Technical Reporting 3
412-310	Brake Service	4	3-4	(Prerequisite: Written Communication)
412-349	Equipment Welding	2	1-2	801-198 Speech (May be substituted for 801-196) 3
		14		
Semester II				Social Science – 3 credits required:
070-341	Electrical Systems	4	4-3	809-166 Introduction to Ethics: Theory & App 3
412-342	Electrical Systems Troubleshooting	4	4-3	809-172 Race, Ethnic & Diversity Studies 3
412-304	Diesel Fuel Systems	4	4-3	809-174 Social Problems 3
		12		809-195 Economics 3
Semester III				809-196 Introduction to Sociology 3
070-318	Drive Train Service	4	3-4	Behavioral Science – 3 credits required:
070-343	Hydraulic Systems	3	2-3	809-159 Abnormal Psychology 3
412-311	Steering & Suspension	4	3-4	809-198 Introduction to Psychology 3
412-358	Alignment	2	1-2	809-199 Psychology of Human Relations 3
Semester IV				809-188 Developmental Psychology 3
070-308	Engine Fundamentals	3	2-3	Math and/or Science – 3 credits required
412-351	Diesel Engine Service - Heads*	4	3-4	(Check with your program advisor or counselor for the specific requirements)
412-352	Diesel Engine Service – Blocks*	3	2-3	
		10		
Associate Degree Level General Education Credits (see specifics in right column)		21		
		Total Credits: 70		General Education Electives – 0-6 credits required (Check with your program advisor or counselor for the specific requirements)
*Course has prerequisite.				
890-125	Student Success (1 credit)	Students should take this course prior to or during the first semester of their program. This is an institutional requirement for first-time, full-time students.		

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