

# DIESEL TECHNOLOGY

# KOMATSU®

Advanced Career Training Program  
Dealer and Student Information



[NDSCS.edu/Komatsu](http://NDSCS.edu/Komatsu)

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Diesel Technology – Komatsu is a two-year program leading to an Associate of Applied Science Degree. It is sponsored by Komatsu participating dealers and is operated by North Dakota State College of Science in Wahpeton, North Dakota.

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*The material in this packet is intended solely for information purposes. The North Dakota State College of Science reserves the right to make changes in curricula, rules and fees whenever such changes are deemed necessary. The announcements in this material are subject to change without notice and may not be regarded as binding obligations on the institution or the state of North Dakota.*

# PARTICIPANT RESPONSIBILITIES

The Diesel Technology – Komatsu Program is a partnership between the North Dakota State College of Science, participating Komatsu dealerships and participating students. Each has the following responsibilities in this partnership:

## **NORTH DAKOTA STATE COLLEGE OF SCIENCE**

- Maintain a current curriculum approved by participating dealers.
- Provide classroom and laboratory facilities.
- Provide teacher-coordinator and instructors; the teacher-coordinator acts as a liaison between NDSCS and Komatsu dealer representatives.
- Provide equipment and tools.
- Promote, advertise and recruit qualified students.
- Test, interview and screen students.
- Assist dealers with student selection.
- Maintain all student records.
- Provide academic, financial aid and counseling services and advisement.
- Visit students during supervised occupational work experiences to assure attainment of work experience competencies.
- Furnish program information to dealers, students and the general public when requested.
- Provide field trip to Komatsu Carterville Training Center.
- Provide an Associate of Applied Science Degree in Diesel Technology Komatsu.

## **KOMATSU DEALERSHIP**

- Interview and select a student to sponsor.
- Appoint an in-dealership coordinator or supervisor to work with NDSCS's teacher-coordinator in planning and monitoring the supervised occupational work experiences.
- Pay trainee's wages, commensurate with experience, during periods of supervised occupational work experiences.
- Provide the sponsored student with uniforms in a manner consistent with other dealership employees. Students will wear uniforms (shirt and pants) at both school and work.
- Provide work experience that will increase the students' skill level.

## **STUDENT**

- Demonstrate high school graduate or equivalent.
- Apply for admission to NDSCS.
- Obtain and maintain a Komatsu dealership sponsor.
- Complete entrance tests (ACT/Accuplacer) and personal interview as required by the program coordinator.
- Maintain NDSCS academic standards and adhere to academic policies.
- Wear Komatsu dealer uniforms and safety glasses while on campus and during supervised occupational work experiences at the sponsoring dealership.
- Participate in all learning activities and experiences at the scheduled times.
- Provide the sponsoring dealership with responsible and productive employment.
- Pay for program costs – tuition, fees, books and tools.
- Complete Associated Equipment Distributor testing at start and completion of program.

## **KOMATSU AMERICA CORP.**

- Encourage distributor cooperation and support.
- Assist in locating and selecting Komatsu faculty.
- Provide Komatsu training for faculty.
- Furnish NDSCS with Komatsu equipment and components.
- Provide NDSCS with essential training materials, including audio visuals, student booklets, instructor guides, shop manuals, necessary mock-ups, simulators, software, etc.
- Monitor curriculum to assure success.
- Upon completion, provide \$1,500 academic scholarship to distributor-selected students.
- Provide \$600 tool reimbursement to NDSCS for each distributor-sponsored student.

# INTRODUCTION

The Diesel Technology – Komatsu program is an Associate of Applied Science degree (A.A.S.) that is designed to develop technically competent, professional service technicians.

Students receive state-of-the-art technical training on Komatsu construction equipment and related products through a combination of classroom instruction, hands-on laboratory instruction, and cooperative educational work experience at a participating Komatsu dealership.

The Komatsu program takes five semesters or approximately 20 months to complete. The five semesters are divided into 9 terms, each approximately eight weeks in length. Students complete the 1st, 2nd, 3rd, 5th, 7th and 9th terms on campus. They complete the 4th, 6th and 8th terms at a sponsoring Komatsu dealership.

Classroom and laboratory instruction at NDSCS covers the basics of each subject plus the latest developments in Komatsu equipment. Work experience at the dealership is structured to relate to the most recent classroom subjects covered at NDSCS and includes projects to improve the student's skill level.

Students are required to obtain a sponsor from an authorized Komatsu dealership. Students can request assistance in locating a sponsoring dealer, and dealers can request assistance in locating a student to sponsor.

Dealers are responsible for providing students with employment and challenging repair projects during the work experience periods. Students are responsible for tuition, fees, textbook and tool costs.

## DIESEL TECHNOLOGY – KOMATSU PROGRAM

(24 months – A.A.S. Degree)

### CURRICULA (FIRST YEAR)

#### FALL SEMESTER

##### 1st Term 1st 8-weeks mid-August thru mid-October

		Credits
KMTS 106	Intro to Komatsu Service	3
DTEC 164	Introduction to Mobile Hydraulics	4
FYE 101	Science of Success	1

##### 2nd Term 2nd 8-weeks mid-October thru mid-December

DTEC 115	Introduction to Light and Medium Duty Engines	4
CIS 101	Computer Literacy	2
ENGL 105	Technical Communications	3
HPER 210	First Aid and CPR	2
MATH 120	Basic Mathematics I	2

#### SPRING SEMESTER

##### 3rd Term 3rd 8-weeks mid-January thru mid-March

		Credits
DTEC 109	Air Conditioning	2
DTEC 125	Introduction to Heavy Duty Drive Systems	4
DTEC 155	Electricity for Diesel Technology	4
MATH 123	Basic Mathematics II	2

##### 4th Term 4th 8-weeks mid-March thru mid-May

KMTS 110	Komatsu Internship	4
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*Class schedule may change without notice.  
Dates will coincide with academic calendar.*

### CURRICULA (SECOND YEAR)

#### SUMMER SEMESTER

##### 5th Term June-July

KMTS 116	Komatsu Machine Structure and Work Equipment	3
KMTS 255	Komatsu Electrical/Electronics	4

#### FALL SEMESTER

##### 6th Term 1st 8-weeks mid-August thru mid-October

KMTS 210	Komatsu Internship II	5
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##### 7th Term 2nd 8-weeks mid-October thru mid-December

KMTS 215	Komatsu Engine and Fuel Systems	5
MATH 125	Basic Mathematics III	2
MFGT 110	Industrial Shop Practices	2
PSYC 100	Human Relations in Organizations	2

#### SPRING SEMESTER

##### 8th Term 3rd 8-weeks mid-January thru mid-March

KMTS 220	Komatsu Internship	5
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##### 9th Term 4th 8-weeks mid-March thru Graduation

KMTS 225	Komatsu Powertrains and Undercarriage	4
KMTS 265	Komatsu Advanced Hydraulic Systems	4
ENGL 110	College Composition I	3

**Total Credits 76**

# COURSE DESCRIPTIONS

## **DTEC 109 Air Conditioning for Diesel Technology (2 credits)**

A lecture, discussion and lab-type course covering the design and principles of operations of various air conditioning systems, including agriculture, construction and trucking equipment. Work in lab consists of leak detecting, evacuation, reclaiming, charging, component comprehension, electrical systems and troubleshooting for various units. (F, S)

## **DTEC 115 Introduction to Light and Medium Duty Engines (4)**

A theory and lab course covering rebuilding of heavy-duty gas and light- and medium-duty diesel engines. Students will troubleshoot, disassemble, rebuild and assemble an engine during this class. Learning modules include: measurement fundamentals, basic engine operating principals, cylinder and piston service, cylinder head rebuilding and valve reconditioning, crankshaft and bearing service, and lubrication and cooling systems. Engines designed for the use of alternative fuels such as LPG and CNG are also covered. This class is a prerequisite for DTEC 215, CIH 215 and JDAT 215.

## **DTEC 125 Introduction to Heavy Duty Drive Systems (3)**

A lecture and lab type course which provides the student with theory and hands-on operation of shop safety, operation and repair of bearings-seals, heavy duty steer axles, drive axles, medium and heavy-duty truck suspension and wheel end assemblies. This is an 8-week course and an 80-hour class. This class is a prerequisite for DTEC 225, CIH, 225 and KMTS 225. (F, S)

## **DTEC 155 Electricity for Diesel Technology (4)**

An introductory lab/theory class in electrical fundamentals. A practical approach to the study of electricity including Ohm's Law, power, series and parallel circuits, direct and alternating current, with strong emphasis on diagrams and troubleshooting. This class is designed for technicians in the Diesel Technology field. This class is a prerequisite for DTEC 255, CIH 255, and KMTS 255. (F, S)

## **DTEC 164 Introduction to Mobile Hydraulics (4)**

This course is a study of hydraulic system fundamentals and various components used in a typical mobile hydraulic system. Component disassembly and reassembly will take place to aid in the understanding of component and system operation. Various components will be tested on a test bench to help the student understand how the components contribute to the overall operation of the system and will be used to evaluate the students' performance. Experiments will be performed on lab equipment to aid in the understanding of mobile hydraulic principles. This class is a prerequisite for DTEC 265, CIH 265, and KMTS 265.

## **KMTS 106 Introduction to Komatsu Service (3)**

A theory and lab course introducing students to Komatsu and the operational policies followed by its distributors. This will include an introduction to the history of Komatsu, the Komatsu Global Portal, and their online LMS. Navigation of service and parts literature, Work Order writing, and utilization of photos to document warranty repairs on Komatsu Equipment will be a major focus of this course. The students will plan a class trip to the Komatsu Training Center at Cartersville, GA to be schedule sometime in their second year of study.

## **KMTS 110 Komatsu Internship I (4)**

The student will receive on the job experience at a Komatsu dealership. This will consist of performing basic repair procedures in the service department. This internship will occur the last 8-weeks of the first year. (2nd 8-weeks spring semester)

## **KMTS 210 Komatsu Internship II (5)**

The student will receive on the job experience at a Komatsu dealership. This will consist of performing basic repair procedures in the service department. This internship will occur the first 8-weeks of the second year. (1st 8-weeks fall semester)

## **KMTS 215 Komatsu Engine and Fuel Systems (5)**

A theory and lab course covering the construction, operating principals, cylinder and piston service, valve service, crankshaft and bearing service, lubrication systems, rebuilding procedures, measurement fundamentals, performance and engine troubleshooting associated with Komatsu engines. Fuel system identification, theory of operation and troubleshooting of fuel systems will also be covered in this course. This is an 8-week course. Prerequisite: DTEC 115. (F)

## **KMTS 220 Komatsu Internship III (5)**

The student will receive on the job experience at a Komatsu dealership. This will consist of performing basic repair procedures in the service department. This internship will occur the third 8-weeks of the second year. (1st 8-weeks spring semester)

## **KMTS 225 Komatsu Powertrains and Undercarriage (4)**

A lab/lecture course covering the powertrain systems used in Komatsu equipment. Mechanical shift and power shift transmissions will be covered in this course. Students will disassemble, reassemble, adjust and test these components found on Komatsu construction equipment. The course also introduces the student to undercarriage and drive systems used on different Komatsu Track Machines. Also covered are final drives and braking systems used in Komatsu track and wheel equipment. Prerequisite: DTEC 125. (Su)

## **KMTS 255 Komatsu Electrical/Electronics (4)**

A lab/lecture course covering electrical and electronic systems for the engine, hydraulics, machine controls and the Tier 4 emission systems as applied to Komatsu construction equipment. Techniques of circuit diagnostics will be demonstrated with electrical schematics. The function, operation and testing of Komatsu equipment will be covered with the Electronic Services Tools. Microprocessor operation including inputs and outputs are explained and covered. Circuits including lighting, accessory, safety instrumentation and gauges are tested. This course will include all Komatsu construction equipment. Prerequisite: DTEC 155. (S)

## **KMTS 265 Komatsu Advanced Hydraulic Systems (4)**

A lab/lecture course covering the diagnostics, service and repair of the hydraulic functions on Komatsu construction equipment. Open center, closed center and load sensing systems are covered as well as steering, hydrostatic drives and hydraulic functions of Komatsu equipment. Prerequisite: DTEC 164. (S)

## **KMTS 116 Komatsu Machine Structure and Work Equipment (3)**

A Theory and Lab course covering maintenance and repair of Komatsu equipment. Instruction and lab experience will include safe rigging and cribbing practices, servicing lubrication points, proper application and installation of aftermarket components, and general repair procedures of the work equipment and machine.

**MFGT 110 Industrial Shop Practices (2)**

An introduction to the procedures and practices used to develop fundamental industrial shop skills. Students enrolled in this class will learn and apply a variety of practical skills used to aid in any entry level industrial mechanical service occupation. The topics covered in this course are: general shop safety; MIG welding set-up and operation as well as welding simulation; Oxy-Fuel torch set-up and operation; basic measuring methods using tape measures, rulers, calipers, and micrometers; identification of SAE and ISO metric measuring systems; proper use and identification of basic shop tools; identification of twist drills and sharpening; identification and use of hand taps; fastener type and grade identification; Helicoil insert use; bolt extraction; properly demonstrate the use of mechanical type torque wrenches; properly demonstrate the use of electronic type torque wrenches; properly demonstrate the ability to torque according to industry standards.

**ENGL 105 Technical Communications (3)**

This course concentrates on business correspondence, informal report writing, technical communication, job preparation, and oral presentation. Prerequisite: Placement test. (F, S, Su-Online)

**ENGL 110 College Composition I (3)**

An introduction to college-level writing as a process of drafting, revising and editing. This course emphasizes critical reading, writing, thinking and research skills as students write for a variety of audiences and purposes. Students will receive guided instruction in the writing process as they begin writing based on personal experiences. An introduction to proper crediting of source material and research will occur toward the end of the course. Prerequisite: Placement test. (F, S, Su, O) ND:ENGL

**MATH 120 Basic Mathematics I (2)**

A review of whole numbers, fractions and decimal numbers in conjunction with the fundamental application of ratios, rates, unit rates, proportions, and percentages in solving everyday problems. The application of business and consumer mathematics such as simple interest, compound interest, and purchasing. (F, S)

**MATH 123 Basic Mathematics II (2)**

This course introduces statistical data reading and calculating. Problem solving applications involving U.S. and Metric measurements. Application of direct measurement, perimeter, area, volume, and fundamental geometry. (F, S)

**MATH 125 Basic Mathematics III (2)**

Basic concepts and features of beginning algebra with an emphasis on critical thinking and problem solving. Topics include properties of real and rational numbers, arithmetic operations of numbers and expressions, translating verbal expressions to variable expressions, formula manipulations and application of word problems. (F, S)

**CIS 101 Computer Literacy (2)**

This course is designed to provide non-Computer Science majors with an introductory-level course in computer usage that prepares them for contemporary work environments. It is a hands-on lab-based course intended to introduce the student to the Windows operating system, Word, Excel and PowerPoint. Windows PC required. (Credit awarded for CIS 101 or CSCI 116, not both.) (F, S, Su, O) ND:COMPSC

**PSYC 100 Human Relations in Organizations (2)**

This course focuses on building successful and effective interpersonal relationships within organizational and other social environments. It includes an examination of human relations in business and industry with emphasis on how people can work effectively in groups to satisfy both organizational and personal goals. Motivation, emotional and mental health, communication techniques, and coping with stress are explored. Activities are used to encourage the application of concepts to enhance personal growth and insight and to increase social skills. (F, S, Su-as needed, O) ND:SS

**FYE 101 Science of Success (1)**

This is a practical one-credit course that provides the tools and skills necessary to get a strong start with the transition for new students at NDSCS. This course will introduce students to campus resources, policies and procedures and cover topics such as time management, study skills, goal setting, wellness, financial literacy and professional development. (F, S, O)

**HPER 210 First Aid and CPR (Professional/Community) (2)**

Provide students with the knowledge and skills necessary to respond to an emergency. Preparing students to identify, assess, manage and minimize consequences of injury (minor and major) and sudden illness in medical emergencies. Providing options for professional level of training, this course is outlined by the American Heart Association and will follow those guidelines. Certificate cards are given upon request and only after successfully completing the course. The student must score at or above the 84th percentile on all written exams for certifications. Training skills for the professional AHA BLS, AED, and first aid. AHA Heart Saver CPR training may be available upon request. (F, S, O)



# STUDENT ADMISSION AND SELECTION PROCEDURE

Students enroll in the Diesel Technology – Komatsu program at the beginning of fall semester. Students are accepted into the program upon completion of admission into NDSCS. Students should do the following:

Apply for admission to NDSCS through the Enrollment Services office. Enrollment Services will not accept faxed applications for any program.

- Submit high school transcripts or GED to Enrollment Services.
- ACT minimum test score of 15 in Reading and English.
- Visit NDSCS and complete orientation (testing, academic advising and scheduling and registration).
- Secure approval from a participating dealer.

## ADMISSIONS

Students should contact the NDSCS Enrollment Services office (701-671-2173) to receive information on the college, financial aid and housing. Students should complete the applications and return them to NDSCS promptly. Assessment tests will be required prior to admission into the Diesel Technology – Komatsu program.

## HIGH SCHOOL OR GED TRANSCRIPTS

Applicants must demonstrate completion of high school or GED equivalency. Students should contact their high school guidance office and request that their transcript be submitted to NDSCS Enrollment Services.

# CONTACT INFORMATION

Dealers and students should direct all inquiries to the following contact persons.

## Primary Contacts:

### Evan Meier

*Assistant Professor / Program Coordinator*  
 Diesel Technology – Komatsu  
 701-671-2543 or 800-342-4325 ext. 2543  
 Evan.Meier@ndscs.edu

### Jenny Schmitt

*Program Assistant*  
 Diesel Technology  
 701-671-2330  
 Jenny.Schmitt@ndscs.edu

## ORIENTATION

All freshmen must complete an orientation. Once a student is admitted to NDSCS, Enrollment Services will schedule orientation for the student. Orientation includes a tour of the NDSCS campus, financial aid counseling, scheduling (academic advising) and registration.

## SPONSOR APPROVAL

Applicants must complete an interview with and secure approval of a sponsor. The applicant is responsible for obtaining a sponsor. Applicants should take the Dealer Approval Form to a potential sponsor. Complete the approval form and return it to Enrollment Services if it is determined that the dealer will grant sponsorship. If the dealer decides not to grant sponsorship, then the student should contact the NDSCS coordinator for assistance in securing a sponsor.

## SCHOLARSHIP AVAILABILITY

A general scholarship application must be completed to be eligible for scholarships.

### Ann Pollert

General Equipment & Supplies, Inc.  
 701-364-2181  
 APollert@genequip.com

### Meghan Fitzgerald

General Equipment & Supplies, Inc.  
 701-364-2118  
 MFitzgerald@genequip.com

# ELIGIBLE DEALER LOCATIONS

Komatsu equipment dealers located in North America are eligible to sponsor students at NDSCS.

Students should contact a local Komatsu dealer to see if the dealer is interested in sponsoring a student. They can contact the NDSCS coordinator for a list of approved Komatsu dealers.

# FINDING A SPONSOR

**Note:** You may speak to any participating dealership at any time about the Diesel Technology – Komatsu program. You are accepted into the program only after official acceptance occurs, after all assessments, applications and dealer sponsorship forms have been approved by the North Dakota State College of Science.

## KEY POINTS TO REMEMBER:

- Komatsu dealerships are independent businesses.
- They are not employees of Komatsu.
- When looking for a sponsor, you are looking for a CAREER – act and dress accordingly.
- North Dakota State College of Science and the Diesel Technology – Komatsu Coordinator will provide assistance and guidance and identify interested dealerships.
- We do not assign you a dealership.
- As a Diesel Technology – Komatsu student you will be an employee and a student, although the two should never conflict.
- Some dealerships may choose not to participate.
- The dealership may choose to formally interview you as a candidate for the Diesel Technology – Komatsu program.

- Be prepared:
  - Be neat and clean in appearance.
  - Be confident of your goals and skills.
  - Complete your part of the application as neatly as possible before the interview.
- Your first priority should be convincing the dealer that you will make a good employee.
- You may speak to the dealer (owner), general manager or service manager.
- If you are not sure whom to see, ask for the dealer first, then the service manager.





# COLLEGE EXPENSES

Contact the Director of Enrollment Services for tuition costs. Out-of-state students in a partnership program will pay the in-state tuition rate. The exception is Minnesota students who pay the agreed-to reciprocity rate.

**NOTE:** All tuition, fees, room and board costs are tentative and are subject to change. Personal costs are rough estimates of personal spending. Contact the NDSCS Enrollment Services office for a current information sheet.

# STUDENT TOOL LIST

Students are responsible for purchasing or providing their own tools. Below is a list of required tools for the program. These tools can be purchased from NDSCS at a substantial discount through the Bookstore.

QTY	DESCRIPTION	CATALOG #	VENDOR
1	6 pc., 3/8" Dr., Adaptor Set, Comb Drive	1206GS	Snap-On
1	7 pc., 3/8" Dr., Torx®, Standard, T27 to T55 Plus GM-Style T47	207EFTXY	Snap-On
1	11 pc., Socket Set, Deep, 12 pt. 1/4" to 7/8"	211SFY	Snap-On
1	12 pc., 3/8" Dr., Metric Socket Set, Shallow, 12 pt.	212FMY	Snap-On
1	12 pc., 3/8" Dr., Metric Deepwell Socket Set (8mm-19mm)	212SFSMY	Snap-On
1	18 pc., General Service Set, 12 pt.	218AFP	Snap-On
1	13 pc., 1/2" Dr., Metric Socket Set, Shallow, 12 pt.	313SWMYA	Snap-On
1	17 pc., 1/2" Dr., General Service Set, 6 pt.	317MSPC	Snap-On
1	Wire Brush Stainless	AC59C	Snap-On
1	1/4 NPT F Coupler Auto Type	AHC24D	Snap-On
4	Air Line Adaptor, Male	AHC24MD	Snap-On
1	15 pc., Hex Wrench Set, Silver, L-Shape	AW1015DK	Snap-On
1	14 pc., Hex Metric Wrench Set, Gold, L-Shape	AWM140DK	Snap-On
1	Pliers, Adjustable Joint, Straight Serrated Jaws 12-3/4	AWP120	Snap-On
1	Curved Locking Jaw Pliers	BLP10	Snap-On
1	62 pc. 1/4" Dr Sae/Metric General Service Set	BLPGSS1462	Snap-On
1	Hammer, Ball Peen 16 oz. Fiberglass	BPN16B	Snap-On
1	0-1" Micrometer	CNT3M101	Snap-On
1	Carbon Scraper, Rigid, Black, 14"	CSA14C	Snap-On
1	Feeler Gauge, Bent Blade, 25 Blades	FB300A	Snap-On
1	Feeler Gauge, U.S./Metric, 25 Blades	FB325A	Snap-On
1	Air Chuck, Dual Foot, 6-1/2"	GA356B	Snap-On
1	Black Frame Safety Glasses	GLASS31BK	Snap-On
1	Hammer, Dead Blow 48 oz.	HBFE48	Snap-On
1	B.P. Hammer, Hand Drilling, Fiberglass Handle 4 lb.	HD4SG	Snap-On
1	Tapered Rubber Tip Blow Gun, 4-1/2" Long	JT13B	Snap-On
1	Nylon Strap Oil Filter Wrench	KDT3149	Snap-On
1	5/16" Comb. Wrench, Std Length, 12 pt.	OEX10B	Snap-On
1	14 pc., Comb. Wrench Set, 12 pt.	OEX714KB	Snap-On
1	Metric Wrench, Comb, Short, 6mm, 12 pt.	OEXM6B	Snap-On
1	10 pc., Metric Wrench Set, Comb, 12 pt.	OEXM710B	Snap-On
1	Metric Wrench, Comb, Short, 7mm, 12 pt.	OEXM7B	Snap-On
1	Metric Wrench, Comb, Short, 8mm, 12 pt.	OEXM8B	Snap-On
1	Metric Wrench, Comb, Short, 9mm, 12 pt.	OEXM9B	Snap-On
1	4 pc., Prybar Set	PBS704	Snap-On
1	Pen Tire Pressure Gauge, 10-150 Psi	PGPL150	Snap-On
1	Putty Knife Scraper, Red 1-1/4"	PK53A	Snap-On
1	3 pc. Pliers Set	PL307ACF	Snap-On
1	Dial Caliper 0"-6" Range	PMF147A	Snap-On
1	Bronze Drift Punch 13/16" pt., 8"	PPB826A	Snap-On
1	Race Punch, Oval Bearing, 20"	PPC20LB	Snap-On

QTY	DESCRIPTION	CATALOG #	VENDOR
1	11 pc., Punch & Chisel Set	PPC710BK	Snap-On
1	Telescoping Magnet	PT5C	Snap-On
1	Telescoping Mirror	PTM143	Snap-On
1	Wire Stripper, Cutter, Crimper/Bolt Cutter	PWC9	Snap-On
1	Torque Wrench, Adj. Click Type, Flex Head, 5-75 ft./lb., 3/8" Dr.	QD2FR75B	Snap-On
1	Torque Wrench, Adj. Click Type, Flex Head, 5-250 ft./lb., 1/2" Dr.	QD3FR250A	Snap-On
1	Socket, Spark Plug, Shallow, 13/16", 6 pt.	S9704KA	Snap-On
1	Socket, Spark Plug, Shallow, 5/8", 6 pt.	S9706KA	Snap-On
1	Screwdriver Flat Tip, Pocket, Orange, .025" Tip, 4-3/4"	SDD2240	Snap-On
1	Instinct AWL	SG7ASABR	Snap-On
1	4 pc., Mini Pick Set, Pastic Handle	SGASA204CR	Snap-On
1	8 pc., Screwdriver Set, Red, Soft	SGDX80BR	Snap-On
1	1/4" Driver, Long Shank 5-3/4"	SGT4BR	Snap-On
1	4 pc., Striking Prybar Set, Orange	SPBS704AO	Snap-On
1	Snap Ring Pliers, Angle Jaws 8-7/8" Long	SRP2B	Snap-On
1	Snap Ring Pliers, Angle Jaws 14" Long	SRP4	Snap-On
1	Pliers, Retaining Ring 7-7/16"	SRPC7000	Snap-On
1	Metric, Shallow, 10mm, 12 pt.	SWM101A	Snap-On
1	Metric, Shallow, 11mm, 12 pt.	SWM111A	Snap-On
1	Metric, Shallow, 25mm, 12 pt.	SWM251	Snap-On
1	Metric, Shallow, 26mm, 12 pt.	SWM261	Snap-On
1	Metric, Shallow, 27mm, 12 pt.	SWM271	Snap-On
1	Torqometer, Basic 3/8" Dr., 300 lb.	TE25A	Snap-On
1	Socket, Shallow 1-1/4" 12 pt.	TW401	Snap-On
1	Brush, Wire, Brass, Miniature, 2"	WBBS2	Snap-On
1	Welding Gloves	YA427B	Snap-On
1	Oil Filter Slip Joint Pliers	YA4274A	Snap-On
1	Oil Filter Pliers	YA4275	Snap-On
1	Welding Sleeve, Green	YA4280	Snap-On
1	Fluke Multimeter 87-V	2074974	Fluke
1	Measuring Tape, U.S./Mm	33-215	Stanley
1	Cut 1 Dipped Gloves SML-2XL (Sized)	48-22-8903	Milwaukee
1	Deutsch Removal Tool Set	588U	Thexton
1	Lifting Brackets	7100U1	Otc
1	Hole Gauge .300-.400"	CEN-4313	Central Tools
1	4' Endless Sling	EN1-801TX4	Tuff-Edge
1	Disposable Nitrile Gloves	63-332	Ambi-Dex
1	Quiet Bands Hearing Protection	QB2HYG	Supra-Aural
1	Mini Led 2-Cell AAA Flashlight	SP32116	Maglite
1	Soapstone Holder/Marker	326-SP-800-1	Wypo

# PROGRAM INCENTIVE

As Komatsu dealers, we are in constant need of educated, hard working diesel techs to join our teams. We find value great value in this program and the students going through it. For this reason, we cover the costs associated with tuition, fees and supplies. Through tuition reimbursement, we reimburse up to 100% of the costs dependent upon Grade Point Average (GPA).

Participating Komatsu dealers will not cover program tools, all tools are the responsibility of the student. Students must provide the program coordinator a copy of their transcript after each semester.

Tuition reimbursement will be paid after program completion directly to the institution responsible for the student loan. Only if no student loans exist, will monies be paid directly to the student. Payments directly to students will be subject to all applicable taxes. Tuition reimbursement monies will be paid over a 36 month time period.

Students falling below a cumulative 2.5 GPA will be required to meet with the program coordinator and develop a plan for immediate improvement or face termination from the program.

Participating Komatsu dealerships will also provide required uniforms and may cover other expenses at their discretion.



# SPONSOR APPROVAL OF STUDENT

## DIRECTIONS TO THE STUDENT

Fill in your name and address in the lines below. Then, take this Sponsor Approval Form to the Komatsu dealer for approval of the sponsorship.

Student's Name \_\_\_\_\_

Street Address \_\_\_\_\_

City, State, Zip \_\_\_\_\_

Phone \_\_\_\_\_

## DIRECTIONS TO THE DEALER

\_\_\_\_\_ I agree to provide sponsorship for the above student in the Diesel Technology – Komatsu program at NDSCS.

Dealership \_\_\_\_\_

Internship Location \_\_\_\_\_

Street Address \_\_\_\_\_

City, State, Zip \_\_\_\_\_

Phone \_\_\_\_\_

Authorizing Representative \_\_\_\_\_

Date \_\_\_\_\_

# STUDENT RELEASE OF INFORMATION FORM

I hereby grant permission to North Dakota State College of Science to share my high school transcripts, pre-admission test results, interview data, and college grades and progress reports with the sponsoring dealership.

Student Signature \_\_\_\_\_

Street Address \_\_\_\_\_

City, State, Zip \_\_\_\_\_

Date \_\_\_\_\_

Return this completed form to:  
NDSCS Enrollment Services  
800 Sixth St. N.  
Wahpeton, ND 58076-0002

# CORRESPONDENCE

All correspondence should be directed to the following address:

Diesel Technology – Komatsu

Enrollment Services

North Dakota State College of Science

800 Sixth St. N.

Wahpeton, ND 58076



**NORTH DAKOTA STATE COLLEGE OF SCIENCE**

800 6th St. N. Wahpeton, ND 58076 | 1-800-342-4325

**[NDSCS.edu/Komatsu](https://www.ndscs.edu/Komatsu)**



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