

# BACHELOR OF SCIENCE IN DIESEL TECH: FIELD MAINTENANCE 2020-2021

FRESHMAN YEAR   FALL	CREDITS	COMPLETED
DST 115 Intro to Diesel Fuel Systems wit Lab	5	<input type="checkbox"/>
DST 216 Heavy Duty Power Trains with Lab	4	<input type="checkbox"/>
WLDG 110 Welding Theory I	2	<input type="checkbox"/>
WLDG 111 Welding Theory I Practical	2	<input type="checkbox"/>
<b>CATEGORY I: Communication</b>	3/4	<input type="checkbox"/>

**TOTAL CREDITS 16-17**

SOPHOMORE YEAR   FALL	CREDITS	COMPLETED
ATDI 134 Electrical/Electronic Systems I with Lab	6	<input type="checkbox"/>
DST 204 Intro to Hydraulics and Pneumatics	2	<input type="checkbox"/>
DST 214 Intro to Hydraulics and Pneumatics Lab	2	<input type="checkbox"/>
DST 264 Diesel Engine Diagnosis and Repair	3	<input type="checkbox"/>
DST 274 Diagnosis of Diesel Engine and Repair lab	3	<input type="checkbox"/>

**TOTAL CREDITS 16**

JUNIOR YEAR   FALL	CREDITS	COMPLETED
ATDI 384 Automotive/Diesel Electrical/Electronic Systems III with Lab	4	<input type="checkbox"/>
MCH 200 Machining with Lab	3	<input type="checkbox"/>
<b>CATEGORY III: Natural Science (with lab)</b> Any course in this area	3	<input type="checkbox"/>
<b>CATEGORY IV: Social Science/History</b> Any course in this area	3	<input type="checkbox"/>
<b>CATEGORY VI: Humanities /Fine Arts</b> Any course in this area	3	<input type="checkbox"/>

**TOTAL CREDITS 16**

SENIOR YEAR   FALL	CREDITS	COMPLETED
ATDI 400 Shop Procedures	3	<input type="checkbox"/>
DST 440 Advanced Fuel Systems with Lab	4	<input type="checkbox"/>
WLDG 356 Welding Certification Procedures II	3	<input type="checkbox"/>
<b>CATEGORY V: Cultural Diversity</b> Any course in this area	3	<input type="checkbox"/>
<b>CATEGORY VI: Humanities /Fine Arts</b> Any course in this area	3	<input type="checkbox"/>

**TOTAL CREDITS 16**

FRESHMAN YEAR   SPRING	CREDITS	COMPLETED
ATDI 265 Heating and Air Conditioning with Lab	4	<input type="checkbox"/>
DST 104 Intro to Diesel Engines	3	<input type="checkbox"/>
DST 114 Intro to Diesel Engines Lab	3	<input type="checkbox"/>
<b>CATEGORY II: Mathematics</b>	3/4	<input type="checkbox"/>
WLDG 114 Mig/Tig Welding with Lab	3	<input type="checkbox"/>

**TOTAL CREDITS 16-17**

SOPHOMORE YEAR   SPRING	CREDITS	COMPLETED
ATDI 264 Electrical/Electronic Systems II with Lab	6	<input type="checkbox"/>
WLDG 260 Repair and Maintenance Welding with Lab	3	<input type="checkbox"/>
<b>CATEGORY IV: Social Science/History</b> Any course in this area	3	<input type="checkbox"/>
<b>CATEGORY VII: Technology</b> Any course in this area	3	<input type="checkbox"/>

**TOTAL CREDITS 15**

JUNIOR YEAR   SPRING	CREDITS	COMPLETED
DST 314 Hydraulics and Pneumatics II with Lab	4	<input type="checkbox"/>
<b>CATEGORY III: Natural Science (with lab)</b> TSCI 304 Fuels and Lubricants	3	<input type="checkbox"/>
WLDG 186 Welding Qualification Test Preparation with Lab	3	<input type="checkbox"/>
<b>CATEGORY I: Communication</b> WRIT 350 Technical Editing	3	<input type="checkbox"/>

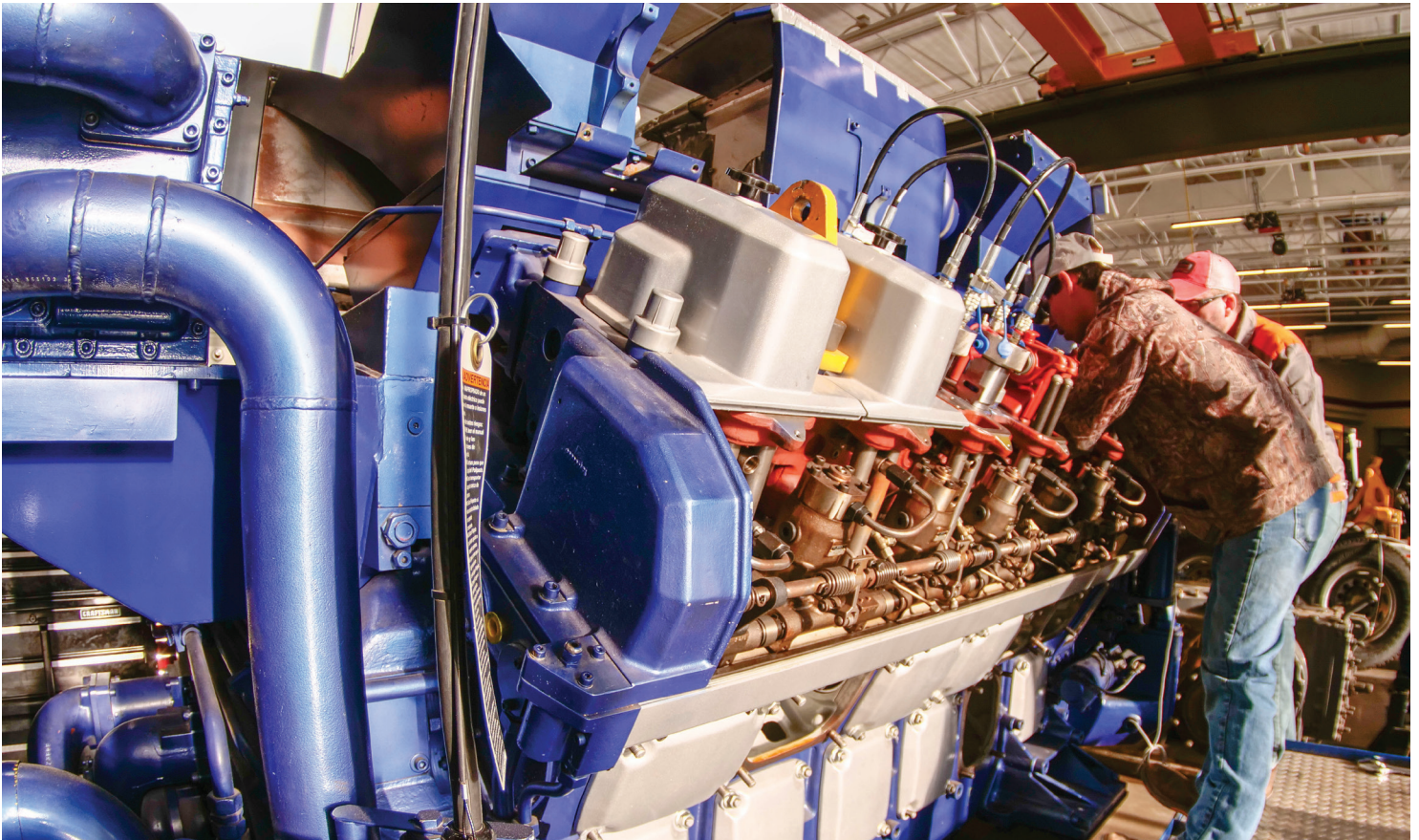
**TOTAL CREDITS 13**

SENIOR YEAR   SPRING	CREDITS	COMPLETED
DST 434 Current Model Year Technology(Capstone)	3	<input type="checkbox"/>
DST 450 Diagnosis of Power Shifts and Heavy Duty Automatics with Lab	4	<input type="checkbox"/>
WLDG 357 Welding Certification Procedures III	3	<input type="checkbox"/>
DST 498 Cooperative Education	6	<input type="checkbox"/>

**TOTAL CREDITS 16**



# THE VALUE OF YOUR DIESEL TECHNOLOGY DEGREE



Northern's Bachelor of Science in Diesel Technology is recognized nationally as the premier program for diesel technicians who are aiming for a career in the industry. Our 4-year degree is even accredited by the Associated Education Distributors Foundation for meeting their rigorous requirements and standards. Our program provides students with a balanced, detail-oriented education. Students will not only learn the principles used in the industry, but also receive hands-on training on a variety of industry-standard machines and equipment.

Students who want to go above and beyond have the option of tailoring their degree to meet specific goals. The Field Maintenance option includes welding and fabrication courses that enable a graduate to work in construction or off-site locations.

## 15 TO FINISH

### WANT TO GRADUATE ON TIME? SAVE MONEY? GET BETTER GRADES?

# 15

You're going to need 15. That's the number of credits you need to take each semester to graduate on time. Sure, you can take less and still receive some scholarships and funding. But unless you take 15 credits a semester (or 30 a year), you're looking at an extra year or more in order to graduate. Know the courses you need to graduate, and meet with your advisor to map out a plan to earn your degree on time.