Powersports Technology

Contact Information
Luke Kasowski, program coordinator
luke.kasowski@ndscs.edu
701-671-2544
Schuett Hall 125

Delivery Methods
Face-to-Face: Wahpeton

The Powersports Technology program prepares students for employment in the vast and broad recreational powersports equipment industry. This program provides learning experiences that enable the student to learn and advance on the job and grow with the occupational field. Students’ abilities in communications, human relations and other aspects of general education will be enhanced.

Students are provided with classroom and hands-on laboratory experiences emphasizing diagnostic and repair skills development. Students develop skills and abilities necessary to test, diagnose, adjust and repair various systems on all types of recreational powersports equipment.

This practical education and technical training will allow graduates to work on outdoor power equipment, snowmobiles, motorcycles, ATVs, personal watercraft, outboard, and inboard marine equipment. Graduates may choose to be employed with motorcycle, ATV, snowmobile or marine dealerships, independent repair shops, recreational equipment manufacturers, hardware or rental stores, implement dealers or marinas. Positions such as a service technician, partsman or salesmen will be readily available. Many graduates go into business for themselves or advance as service, parts or sales managers, shop foremen, factory representatives and vocational technical teachers.

Career opportunities for this skilled occupation will be plentiful in any geographical region for a competent and dependable graduate. Salaries will advance rapidly as experience and knowledge of the profession grow. Students interested in pursuing an advanced degree will find the Associate in Applied Science degree in Powersports Technology provides transfer options to four-year colleges and universities in related fields.

Employers are looking for trained powersports technicians who have a working knowledge of the latest technological advances in 2- and 4- stroke engines regarding emissions reduction. As the government increases regulation of the emissions produced by powersports engines, it becomes even more important that these workers have the most up-to-date pollution control training in this field.

Admission Requirements*

The applicants must be high school graduates or equivalent. Students considered for acceptance must complete all admission requirements.

Required minimum placement scores:

<table>
<thead>
<tr>
<th>ACT</th>
<th>ACCUPLACER</th>
<th>NEXT GENERATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reading</td>
<td>Reading Comp – 61</td>
<td>Writing – 237</td>
</tr>
<tr>
<td>English</td>
<td>WritePlacer – 3-4</td>
<td>Reading – 240</td>
</tr>
</tbody>
</table>

Or transfer equivalencies will apply as appropriate

Applicants not meeting the above requirements are encouraged to visit with the academic counselor at 701-671-2257 or the Powersports Technology program coordinator at 701-671-2544 for strategies to meet the admission requirements.

*Program Admission Requirements are subject to revision. Please check the department or program website under Program Admission Requirements for current information.

Course Code | Course Title                               | Credits |
-----------|-------------------------------------------|---------|
MFGT 110  | Industrial Shop Practices                 | 2       |
PST 101   | Outdoor Power Equipment Technology        | 5       |
PST 102   | Snowmobile Technology I                    | 5       |
PST 104   | Motorcycle and ATV Technology I           | 5       |
PST 105   | OPE and Snowmobile Fuel Systems           | 2       |
PST 110   | Powersports Technology Internship I       | 6       |
PST 122   | Fundamentals of Electricity               | 3       |
PST 201   | Motorcycle and ATV Technology II          | 5       |
PST 202   | Outboard Technology                       | 5       |
PST 203   | Stern Drive Technology                    | 5       |
PST 205   | Outboard Fuel Systems                     | 2       |
PST 210   | Powersports Technology Internship II      | 6       |

Related/General Education Courses
Diploma
FYE 101   | Science of Success                        | 1       |
ENGL 105  | Technical Communications                   | 3       |
MATH 120  | Basic Mathematics I                        | 2       |
MATH 123  | Basic Mathematics II                       | 2       |
Social and Behavioral Sciences, Humanities, History and/or Computer Electives
Recommended:
• CIS 101 – Computer Literacy – 2 cr
• PSYC 100 – Human Relations in Organizations – 2 cr
Wellness Elective (HPER 210 recommended) | 1       |

Associate in Applied Science
FYE 101   | Science of Success                        | 1       |
ENGL 110  | College Composition I                     | 3       |
English/Communication Elective (choose one) |
ENGL 105  | Technical Communications                   | 3       |
ENGL 120  | College Composition II                    | 2       |
ENGL 125  | Introduction to Professional Writing       | 2       |
COMM 110  | Fundamentals of Public Speaking           | 2       |
MATH 120  | Basic Mathematics I                        | 2       |
MATH 123  | Basic Mathematics II                       | 2       |
MATH 125  | Basic Mathematics III                      | 2       |
Social and Behavioral Sciences, Humanities, History and/or Computer Electives
Recommended:
• CIS 101 – Computer Literacy – 2 cr
• PSYC 100 – Human Relations in Organizations – 2 cr
Wellness Electives (HPER 210 recommended) | 2       |

Total Required Credits for Diploma | 64
Total Required Credits for Associate in Applied Science | 70

Award
Upon successful completion of the required courses, students will be awarded a diploma or an Associate in Applied Science degree in Powersports Technology.

Revised: May 2020