

North Carolina A&T State University, School of Technology
Department of Applied Engineering Technology

CURRICULUM GUIDE FOR MOTORSPORTS TECHNOLOGY (0288)
(Fall 2012)

FRESHMAN YEAR

| <i>First Semester</i> | <i>Credit</i> | <i>Second Semester</i> | <i>Credit</i> |
|---------------------------------------|------------------|--|------------------|
| FRST 100 University Experience | 1 | Humanities Elective | 3 |
| ENGL 100 Ideas and Their Expression I | 3 | ENGL 101 Ideas and Their Expression II | 3 |
| MATH 111 College Algebra & Trig | 4 | MATH 112 Calculus for non-majors | 4 |
| HPED 200 Physical Fitness Training | 2 | MST 251 Intro to Motorsports | 3 |
| AET 191 Intro to MFG Processes | 3 | OSH 201 Intro to Occ. Safety & Health | 3 |
| Social Science Elective | 3 | | |
| | <u>16</u> | | <u>16</u> |

SOPHOMORE YEAR

| <i>First Semester</i> | <i>Credit</i> | <i>Second Semester</i> | <i>Credit</i> |
|--|------------------|-----------------------------------|------------------|
| Student success | 1 | CHEM 106/116 Chemistry | 4 |
| ECT 101 Intro to Technical Computers | 3 | SPCH 250 Speech Fundamentals | 3 |
| AET 110 Blueprint Reading | 3 | HIST 202 African American History | 3 |
| AET 205 Mech. Design and Manuf. | 3 | AET 293 Power Technology | 3 |
| MST 252 Performance Engine Preparation | 3 | MST 255 Automotive Power Trains | 3 |
| GCS 212 Technical Communication | 3 | | |
| | <u>16</u> | | <u>16</u> |

JUNIOR YEAR

| <i>First Semester</i> | <i>Credit</i> | <i>Second Semester</i> | <i>Credit</i> |
|--------------------------------------|------------------|---------------------------------------|------------------|
| PHYS 225/235 College Physics I & Lab | 4 | PHYS 226/236 College Physics II & Lab | 4 |
| MGMT 220 Business Environment | 3 | Humanities Elective | 3 |
| AET 281 Industrial Statistics | 3 | AET 270 Industrial Materials | 3 |
| AET 476 Composite Materials | 3 | AET 273 Numerical Controlled Machine | 3 |
| AET 398 COOP Training I | 3 | MST 456 Vehicle Dynamics & Control | 3 |
| | <u>16</u> | | <u>16</u> |

SENIOR YEAR

| <i>First Semester</i> | <i>Credit</i> | <i>Second Semester</i> | <i>Credit</i> |
|--------------------------------------|------------------|--------------------------------|------------------|
| AET 232 MFG Planning | 3 | MKTG 432 Consumer Behavior | 3 |
| MST 275 Motorsports Performance | 3 | MST 452 Motorsports Management | 3 |
| MKTG 430 Marketing Concepts | 3 | AET 498 COOP Training II | 3 |
| MST 455 Motorsports Data Acquisition | 3 | AET 496 AET Capstone Class | 3 |
| AET 476 Composite Materials | 3 | AET 445 Project Management | 3 |
| | <u>15</u> | | <u>15</u> |

Total Credit Hours: 126