

# Bachelor of Science in Engineering Technology/Motorsports from Old Dominion University General Program Structure

Old Dominion University's prospective students should refer to ODU's official guidelines for detailed transfer requirements (see website at bottom of page).

## I. Lower-Division Requirements (a minimum of 58 Credits is required to transfer as Junior).

	CREDITS	ODU COURSES	Name /Content
Written Communication	3	ENGL 110C	English Composition (C)
	3	ENGL 2XXC	Written Comm. Skills(200 level) *
Oral Communication	3	COMM 101R	Public Speaking (R)
Mathematics	3	MATH 162M	Pre-Calculus I (M)
	3	MATH 163	Pre-Calculus II
	4	MATH 211	Calculus
Natural Science	4	PHYS 111N	General Physics I with Lab (N)
	4	PHYS 112N	General Physics II with Lab
	4	CHEM 115N	Found. Of Chemistry with Lab (N)
Impact of Technology	3	MET 120	Computer Aided Design (T)
Language and Culture	0-6	*	Foreign Language (F)
Literature	3	ENGL 112L, 114L	Literature (L)
Interpreting the Past	3	HIST 104H	History (H)
Human Behavior	3	SOC 201S	Sociology (S)
Human Creativity	3	ARTS 122A	Fine Arts (A)
Philosophy and Ethics	3	PHIL 120P, 230P	Philosophy (P)
Technical Base	18	Engineering/Motorsports	Engineering, Engineering Technology and/or Motorsports Content*
Technical Electives	9	Engineering/Motorsports	Engineering, Engineering Technology and/or Motorsports Content*
<b>Total Lower-Division</b>	<b>76</b>		

## II. Remaining Required General Education Credits

	CREDITS	ODU COURSES	Content
Information Literacy and Research	3	(G)	Satisfied in Major*
General Education Upper Division	6-12	*	Fulfillment Options*
Upper Division Writing Intensive Course	3	(W)	Satisfied in Major*

## III. Upper-Division Requirements (39 credits) delivered by ODU in Martinsville, VA – New College Institute Campus

ODU COURSES	CREDITS	ODU COURSES	CREDITS
MET 300 Thermodynamics	3	AE 407 Ground Vehicle Aerodynamics	3
MET 310 Dynamics	3	AE 457 Motorsports Vehicle Dynamics	3
MET 330 Fluid Mechanics	3	AE 467 Race Car Performance	3
MET 335 Fluid Mechanics Lab	1	AE 477 High Performance Piston Engines	3
MET 350 Thermal Applications	3	MET 434 Introduction to Senior Project	3
MET 387 Power & Energy Laboratory	2	MET 435W Senior Project	3
MET 4XX Race Car DAQ and Analysis	3	DEPT Technical Elective	3

**Minimum Number of Credits to Complete the Bachelor's Program: 124**

Online Information: [www.eng.odu.edu/mts](http://www.eng.odu.edu/mts)

\*Check Details with Program Director