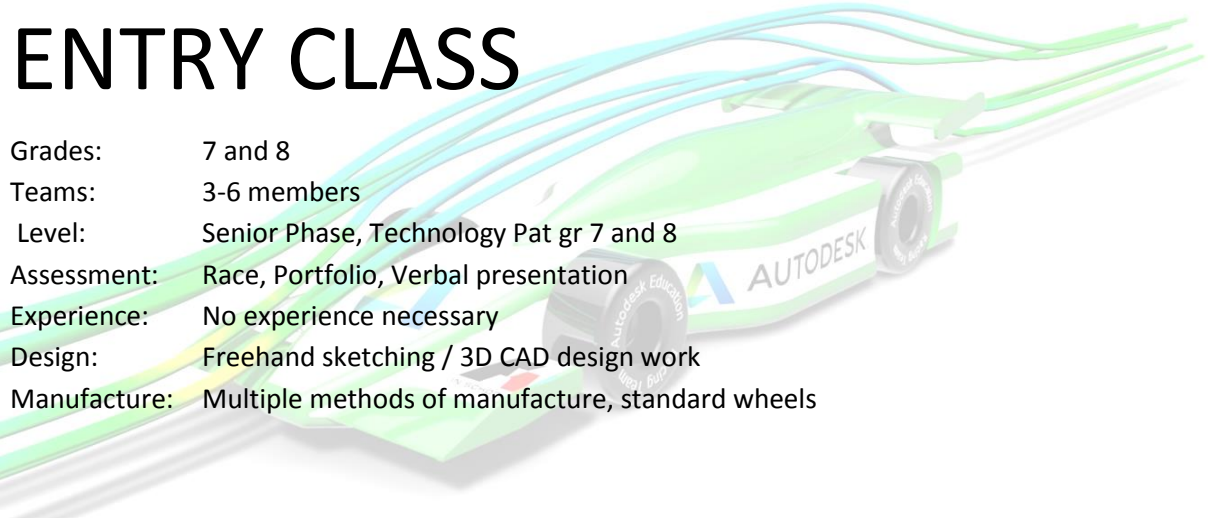



ENTRY CLASS



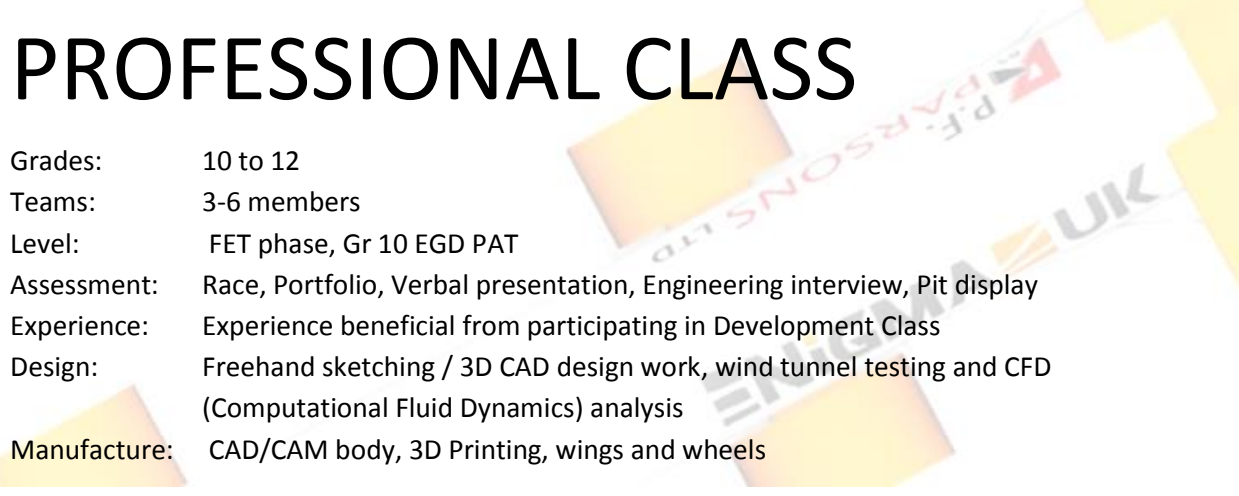
Grades:	7 and 8
Teams:	3-6 members
Level:	Senior Phase, Technology Pat gr 7 and 8
Assessment:	Race, Portfolio, Verbal presentation
Experience:	No experience necessary
Design:	Freehand sketching / 3D CAD design work
Manufacture:	Multiple methods of manufacture, standard wheels

DEVELOPMENT CLASS



Grade:	9
Teams:	3-6 members
Level:	Senior Phase, Technology PAT gr 9
Assessment:	Race, Portfolio, Verbal presentation, Engineering interview, Pit display
Experience:	Participated in Entry Class
Design:	Freehand sketching / 3D CAD design work
Manufacture:	CAD/CAM body and wings, standard wheels

PROFESSIONAL CLASS



Grades:	10 to 12
Teams:	3-6 members
Level:	FET phase, Gr 10 EGD PAT
Assessment:	Race, Portfolio, Verbal presentation, Engineering interview, Pit display
Experience:	Experience beneficial from participating in Development Class
Design:	Freehand sketching / 3D CAD design work, wind tunnel testing and CFD (Computational Fluid Dynamics) analysis
Manufacture:	CAD/CAM body, 3D Printing, wings and wheels

If a team should choose to compete at a higher class they are welcome to do so as there are recommended guidelines.