

DTFC Application 2018

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Team Overview



- Established in 2015
- Created to allow students to research, design, build and launch reusable sounding rockets and scientific payloads.
- Competes at annual Spaceport America Cup in Truth or Consequences, New Mexico
- 5 Divisions (aero-structure, propulsion, payload, management, and avionics)
- 140 Paying Members



Current Projects



- Design and build two rockets for the SAC, to compete in two different categories.
- Finalize a hybrid propulsion system to reduce cost.
- Joined the Base 11 Challenge

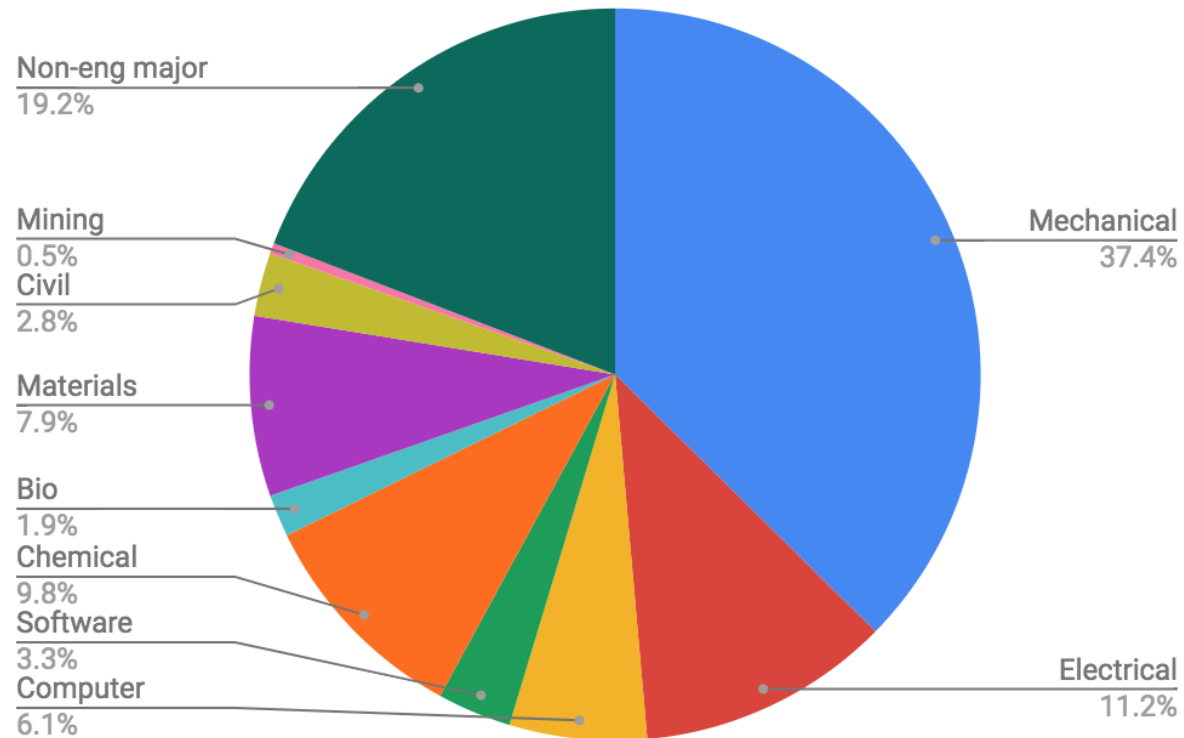


Membership

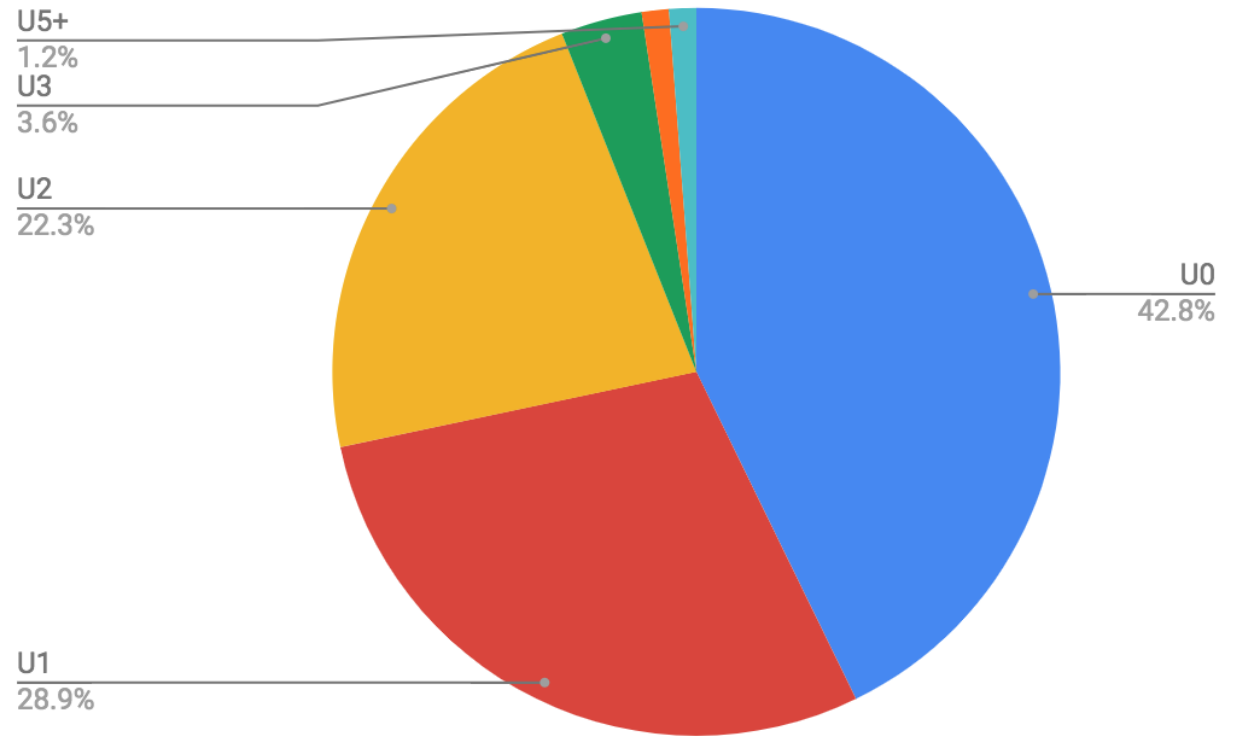


- Total Number of Members: 215

MRT Member Distribution by Major



MRT Member Distribution by Year



Our Budget



This Years' Budget

Income Statement (Net Profit & Loss)

McGill Rocket Team

Expenses

Item	Estimated	Actual	Difference 1 (A - E)
Aerostructure	(\$7,050.00)	(\$87.73)	\$ 6,962.27
Propulsion	(\$18,000.00)	\$0.00	\$ 18,000.00
Payload	(\$2,700.00)	\$0.00	\$ 2,700.00
Avionics	(\$5,700.00)	\$0.00	\$ 5,700.00
Management	(\$17,950.00)	(\$238.76)	\$ 17,711.24
Contingency	(\$7,710.00)	\$0.00	\$ 7,710.00
Total	\$ (59,110.00)	\$ (326.49)	\$ 58,783.51

Revenues			
Item	Estimated	Actual	Difference 1 (A - E)
Membership Fees	\$5,000.00	\$0.00	\$ (5,000.00)
Member Competition Fees	\$4,800.00	\$0.00	\$ (4,800.00)
MESC	\$10,000.00	\$0.00	\$ (10,000.00)
DTFC	\$16,000.00	\$0.00	\$ (16,000.00)
SSMU	\$3,000.00	\$0.00	\$ (3,000.00)
SSMU Ambassador Fund	\$6,000.00	\$0.00	\$ (6,000.00)
MIAE	\$10,000.00	\$0.00	\$ (10,000.00)
CRIAQ	\$1,000.00	\$0.00	\$ (1,000.00)
Blues Pub	\$450.00	\$0.00	\$ (450.00)
Seeds of Change	\$9,181.00	\$9,181.00	\$ -
Vanier College	\$450.00	\$0.00	\$ (450.00)
McGill Alumni Association	\$200.00	\$0.00	\$ (200.00)
Total	\$66,081.00	\$ 9,181.00	\$ (56,900.00)

2018 - 2019	Estimated	Actual	
Net Total	\$ 6,971.00	\$ 8,854.51	

Last Years' Budget

Income Statement (Net Profit & Loss)		McGill Rocket Team	
Expenses			
Item	Estimated	Actual	Difference 1 (A - E)
Aerostructure	(\$4,900.00)	(\$5,090.28)	\$ (190.28)
Propulsion	(\$8,300.00)	(\$11,265.58)	\$ (2,965.58)
Payload	(\$2,500.00)	(\$1,474.74)	\$ 1,025.26
Recovery	(\$4,100.00)	(\$4,727.13)	\$ (627.13)
Management	(\$20,253.00)	(\$28,531.51)	\$ (8,278.51)
Contingency	(\$5,977.95)	\$0.00	\$ 5,977.95
Total	\$ (46,030.95)	\$ (51,089.24)	\$ (5,058.29)

Revenues			
Item	Estimated	Actual	Difference 1 (A - E)
Membership Fees	\$5,000.00	\$5,400.00	\$ 400.00
Parents' Rocketeer Fee	\$455.00	\$455.00	\$ -
Member Competition Fees	\$3,600.00	\$3,400.00	\$ (200.00)
MESC	\$9,000.00	\$9,000.00	\$ -
DTFC	\$5,000.00	\$6,179.46	\$ 1,179.46
Pratt & Whitney Canada	\$1,000.00	\$0.00	\$ (1,000.00)
SSMU	\$2,000.00	\$3,000.00	\$ 1,000.00
MIAE	\$10,000.00	\$10,500.00	\$ 500.00
CRIAQ	\$2,000.00	\$1,000.00	\$ (1,000.00)
MDA	\$500.00	\$0.00	\$ (500.00)
Blues Pub	\$700.00	\$436.06	\$ (263.94)
Seeds of Change	\$8,055.94	\$8,055.94	\$ -
Qualcomm	\$3,500.00	\$3,483.00	\$ (17.00)
Alliance Steel Corporation	\$200.00	\$200.00	\$ -
Total	\$51,010.94	\$ 51,109.46	\$ 98.52

2017 - 2018	Estimated	Actual	
Net Total	\$ 4,979.99	\$ 20.22	

Projected Budget Expense Breakdown



Estimated Expenses

