Figure 1Figure 2

Table1

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Module | Blended | F2F | Online | Total |
| DSC1520 | 24  | 15 | 6 | 45 |
| MAT1503 | 2 | 5 | 6 | 13 |
| MAT1512 | 4 | 5 | 6 | 15 |
| MAT1581 | 3 | 2 | 11 | 16 |
| QMI1500 | 27 | 43 | 11 | 81 |
| Total | 60 | 70 | 40 | 170 |

Table 2

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Module | Blended | F2F | Online | Total |
| DSC1520 | 2 | 10 | 8 | 20 |
| MAT1503 | 8 | 7 | 21 | 36 |
| MAT1512 | 12 | 8 | 17 | 37 |
| MAT1581 | 8 | 7 | 11 | 26 |
| QMI1500 | 28 | 49 | 11 | 88 |
| STA1510 | 2 | 8 | 3 | 13 |
| Total | 60 | 89 | 71 | 220 |

Table 3

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Module | Blended | F2F | Online | Total |
| DSC1520 | 23 | 14 | 7 | 44 |
| MAT1503 | 2 | 8 | 10 | 20 |
| MAT1512 | 4 | 5 | 8 | 17 |
| MAT1581 | 4 | 3 | 12 | 19 |
| QMI1500 | 25 | 38 | 12 | 75 |
| Total | 58 | 68 | 49 | 175 |

Table 4

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Module | Blended | F2F | Online | Total |
| DSC1520 | 3 | 11 | 11 | 25 |
| MAT1503 | 9 | 9 | 25 | 43 |
| MAT1512 | 15 | 8 | 17 | 40 |
| MAT1581 | 11 | 8 | 13 | 32 |
| QMI1500 | 30 | 50 | 14 | 94 |
| STA1510 | 2 | 8 | 4 | 14 |
| Total | 70 | 94 | 84 | 248 |

Table 5

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |
| **Module** |  | **Sem 1** |  |  |  | **Sem 2** |  |  |
|  |  | Blended | F2F | Online |  | Blended | F2F | Online |
| DSC1520 | Exam | 0.22500 | 0.87490 | 0.45900 |  | 0.17440 | 0.14080 | 0.83340 |
|  | Asg 1 | 0.00747 | 0.03765 | 0.09376 |  | 0.19740 | 0.00025 | 0.25280 |
|  | Asg 2 | 0.04693 | 0.06643 | 0.72860 |  | 0.49490 | 0.37540 | 0.49950 |
|  | Asg 3 | 0.00002 | 0.00002 | 0.19630 |  | 0.40450 | 0.00044 | 0.00325 |
|  |  |  |  |  |  |  |  |  |
| MAT1503 | Exam | 0.17080 | 0.54580 | 0.45010 |  | 0.08585 | 0.35670 | 0.00427 |
|  | Asg 1 | 0.40200 | 0.09099 | 0.00918 |  | 0.00004 | 0.00810 | 0.00048 |
|  | Asg 2 | 0.42110 | 0.25470 | 0.00105 |  | 0.51940 | 0.16230 | 0.06347 |
|  | Asg 3 | 0.38410 | 0.25130 | 0.06286 |  | 0.01775 | 0.06701 | 0.03029 |
|  |  |  |  |  |  |  |  |  |
| MAT1512 | Exam | 0.27010 | 0.86370 | 0.17070 |  | 0.11420 | 0.68820 | 0.01172 |
|  | Asg 1 | 0.83300 | 0.68710 | 0.04972 |  | 0.00340 | 0.04074 | 0.07167 |
|  | Asg 2 | 0.81160 | 0.35700 | 0.43030 |  | 0.06343 | 0.15200 | 0.18930 |
|  |  |  |  |  |  |  |  |  |
| MAT1581 | Exam | 0.06448 | 0.03134 | 0.94320 |  | 0.51700 | 0.02407 | 0.27620 |
|  | Asg 1 | 0.29970 | 0.06716 | 0.68510 |  | 0.03282 | 0.88310 | 0.06007 |
|  | Asg 2 | 0.17030 | 0.59530 | 0.08238 |  | 0.74160 | 0.06432 | 0.18430 |
|  | Asg 3 | 0.07952 | 0.19660 | 0.72820 |  | 0.14340 | 0.03504 | 0.01676 |
|  |  |  |  |  |  |  |  |  |
| QMI1500 | Exam | 0.28600 | 0.69780 | 0.87710 |  | 0.00213 | 0.72220 | 0.44910 |
|  | Asg 1 | 0.00001 | 0.00040 | 0.89230 |  | 0.00000 | 0.00593 | 0.51530 |
|  | Asg 2 | 0.00004 | 0.01062 | 0.55440 |  | 0.00001 | 0.00149 | 0.76080 |
|  | Asg 3 | 0.00943 | 0.04150 | 0.54400 |  | 0.00028 | 0.09111 | 0.18630 |
|  |  |  |  |  |  |  |  |  |
| STA1510 | Exam | No Data | No Data | No Data |  | 0.26780 | 0.92190 | 0.96670 |
|  | Asg 1 | No Data | No Data | No Data |  | 0.11930 | 0.35760 | 0.71250 |
|  | Asg 2 | No Data | No Data | No Data |  | 0.03553 | 0.26160 | 0.82730 |

Table 6

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Module** |  |  |  |  |  |  |
| **Semester 1** | **Blended** |  | **F2F** |  | **Online** | **All** |
|  | Avg | P-Value | Avg | P-Value | Avg | Avg |
| DSC1520 | 51.67 | 0.5823 | 42.22 | 0.2662 | 48.89 | 48.66 |
| MAT1503 | 57.00 | 0.6786 | 40.60 | 0.3961 | 43.17 | 42.85 |
| MAT1512 | 36.75 | 0.2250 | 23.00 | 0.1645 | 47.67 | 34.65 |
| MAT1581 | 60.42 | 0.9693 | 61.88 | 0.9885 | 26.48 | 36.48 |
| QMI1500 | 47.70 | 0.9431 | 44.21 | 0.7809 | 38.87 | 45.33 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Semester 2** | **Blended** |  | **F2F** |  | **Online** | **All** |
|  | Avg | P-Value | Avg | P-Value | Avg | Avg |
| DSC1520 | 55.00 | 0.9425 | 53.33 | 0.9404 | 39.16 | 46.04 |
| MAT1503 | 37.62 | 0.4131 | 31.71 | 0.2450 | 39.10 | 27.90 |
| MAT1512 | 50.75 | 0.2256 | 36.25 | 0.0455 | 57.35 | 41.88 |
| MAT1581 | 36.09 | 0.2813 | 54.11 | 0.7931 | 41.70 | 37.22 |
| QMI1500 | 48.69 | 0.9394 | 38.03 | 0.3401 | 40.30 | 39.94 |
| STA1510 | 50.00 | 0.9809 | 32.00 | 0.8747 | 25.33 | 41.05 |

Figure 3

