

The Evolution of a Service Desk

Ryan Swan

Ryan.Swan@Oneonta.edu

Background:



- Phone support 8am-9pm with 3 workstations
- Printer/Lab support 8am-9pm with 2 workstations
- Equipment loan- (laptops, ppt clickers, projectors, etc.)
- Walk-in support
- Software installs/support
- Network device registration, troubleshooting
- Level 1 support
- Central point of contact between ITServices and our customers

NTA SUM



| Service Desk | | | Fall 201 | <u>.9</u> | | | Monday | L | | | | | | | | | | | | |
|---------------|----------|------------|----------|-----------|------------|-------------|-------------|---------|---------------------|-----------|---------|--------|----------------|------------|--------------|-------|--------------|--------------|--------|----------------|
| Last | First | Username | Grad | SoS | Pay Rate | Payroll | Total Hours | 8-9am | 9-10am | 10-11am | 11-12pm | 12-1pm | <u>1-2pm</u> | 2-3pm | 3-4pm | 4-5pm | <u>5-6pm</u> | 6-7pm | 7-8pm | 8-9pm |
| | | | Ī | 0 | \$ 11.10 | \$ 69.60 | 6 | | | | | | | | 0 | | | | | |
| | | | 20-May | 3 | \$ 11.60 | | | | | | | | | 1 | 1 | | | | | |
| | | | 20-May | 2 | \$ 11.35 | \$ 102.15 | 9 | | | | | | | | | | 1 | 1 | 0 | |
| | | | | 0 | \$ 11.10 | \$ 166.50 | 15 | | | 0 | 1 | 1 | | | | | | 0 | 0 | 0 |
| | | | 20-Dec | 4 | \$ 12.10 | \$ 121.00 | 10 | | | | | | | | | | | | | |
| | | | | 0 | \$ 11.10 | \$ 144.30 | 13 | | | 0 | 0 | | | | 1 | 1 | 1 | 0 | | |
| | | | 20-May | 2 | \$ 11.35 | \$ 124.85 | 11 | | | | | | 1 | 1 | 1 | 1 | | | | |
| _ | | | 20-May | 3 | \$ 11.60 | | 9 | | | 1 | 1 | | | | | | | | | |
| _ | | _ | 20-May | 2 | \$ 11.35 | | | 1 | 1 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 |
| _ | | | | 0 | \$ 11.10 | | | 1 | 1 | 1 | 1 | 0 | 0 | | | | | 0 | 0 | 0 |
| | | 4 | 20-May | 2 | \$ 11.35 | | | | | | | 1 | 1 | 1 | 0 | | | | | |
| - | | 4 | 21-May | 2 | \$ 11.35 | | | | | | | | | | | | | | | |
| - | | 4 | 21-May | 2 | \$ 11.35 | | | | | | | | | 0 | 0 | | | 1 | 1 | 1 |
| - | | 4 | | 0 | \$ 11.10 | | | | | | | | | | | | 0 | 0 | | |
| - | | 4 | | 0 | \$ 11.10 | | | | 0 | 0 | | | 0 | 0 | 0 | | | 0 | 1 | 1 |
| | | | 20-May | 2 | \$ 11.35 | | | | | | | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | | | 1.50 | \$ 11.33 | | | | | | | | | | | | | | | |
| Average hours | 10.75 | | | | | Filled | 172 | 2 | | 2 | | | _ | | 3 | 2 | | | 2 | 2 |
| | | | | | | Available | 173 -1 | 0 | 0 | 2 | 3 | 3 | | | 3 | 0 | | | 0 | 0 |
| Pom | ote Supp | ort | | | | Remaining | -1 | Monday | | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | U |
| Last | | Username | Grad | SoS | Pay Rate | Payroll | Total Hours | 8-9am | 9-10am | 10-11am | 11-12pm | 12-1pm | 1-2pm | 2-3pm | 3-4pm | 4-5pm | 5-6pm | 6-7pm | 7-8pm | 8-9pm |
| <u> </u> | 11130 | OSCITIANTE | Giuu | 0 | \$ 11.10 | | | 0-3aiii | 3-10aiii | 10-114111 | 11-12pm | 12-1pm | <u>1-2piii</u> | 2-3pm 1 | <u>3-4pm</u> | 4-3pm | <u>3-0pm</u> | <u>0-7pm</u> | 7-opin | <u>0-3piii</u> |
| 1 | | - | | 0 | \$ 11.10 | | | | | | | 1 | 1 | 1 | 1 | | | | | |
| • | | | | 0 | \$ 11.10 | | | | 1 | 1 | | _ | | _ | 0 | 0 | | | | |
| • | | - | | 0 | \$ 11.10 | | | | 0 | | | 0 | | 0 | 1 | 1 | | | | |
| | | | | 0 | \$ 11.10 | | 20 | | | | | | | | | | | | | |
| Average Hours | 12.25 | | | | | Filled | 49 | | 2 | 2 | 0 | 1 | 2 | 2 | 2 | 1 | 0 | 0 | 0 | 0 |
| | | | | | | Available | 50 | 0 | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | Remaining | -1 | 0 | 1 | 1 | -2 | -1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| | | | | | | | | | | | | | | | | | | | | |
| | | | Cur | rent Wee | ekly Payro | \$ 2,494.85 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |

Fall 2018 Training Schedule



| | <u>Sunday</u> <u>8/19</u> | Monday 8/20 | <u>Tuesday</u> <u>8/21</u> | Wednesday 8/22 | Thursday 8/23 | <u>Friday</u> <u>8/24</u> | Saturday 8/25 | <u>Sunday</u> <u>8/26</u> | Monday <u>8/27</u> |
|------------------|------------------------------|----------------------|-------------------------------|-------------------|------------------|------------------------------|------------------|------------------------------|-----------------------|
| 9-9:45am | | Recap/QA | Recap/QA | Recap/QA | | | | | ١٢ |
| <u>15 minute</u> | | 15 min Break | 15 min Break | 15 min Break | | | | | ite |
| <u>10-11am</u> | Move-In | Training- | Training- | Training- | | | | | Semester |
| <u>11-12pm</u> | | IRC 120 | IRC 120 | IRC 120 | | | | | |
| <u>12-1pm</u> | Team Building- Waterfront | Wilsbach Lunch | Wilsbach Lunch | | | | | | |
| <u>1-2pm</u> | Opening Lunch- Waterfront | Team Building | Team Building | N | lew Student | Arrival, Star | tup Schedul | e | |
| <u>2-3pm</u> | /11 4 \ | | Diversity Workshop- | | | | | | • • |
| <u>3-4pm</u> | Training- | Training- IRC 120 | Training- | | | | | | Classes |
| <u>4-5pm</u> | IRC 120 | | IRC 120 | | | | | | Cla |

Fall 2019 Training Schedule (work in progress)

| | | Sunda | y 8/18 | | Monday 8/19 | | | | | Tuesda | y 8/20 | | Wednesday 8/21 | | | | |
|-----------------|---------------|--------------|----------------|----|-------------------|----------------------|-------------|-----------|---------------------------------------|------------|------------|-------|----------------|----|------|----|--|
| | SD | RS | Labs | DS | SD | RS | Labs | DS | SD | RS | Labs | DS | SD | RS | Labs | DS | |
| 10:20am-10:30am | | | | | | | | | User | Bomgar | Paper/Ton | | | | | | |
| 10:30am-10:40am | | | | | | Teamb | uilding | | Accounts | Connectio | er | MIFS | | | | | |
| 10:40am-10:50am | | | | | | | | | Commo | on Calls | Office/Fac | 1 | | | | | |
| 10:50am-11am | | | | | | | | | Commic | on cans | ulty | Phone | | | | | |
| 11am-11:10am | | | | | | | | | | | | | | | | | |
| 11:10am-11:20am | | | | | | ITS Offices Tour | | | | | | | | | | | |
| 11:20am-11:30am | | | | | | Work | Space | | Mock | Mock | Mock | Mock | | | | | |
| 11:30am-11:40am | | | | | | Logir | nto SN | | Shift | Shift | Shift | Shift | | | | | |
| 11:40am-11:50am | | | | | Phone | System | DS/ | Labs | | | | | | | | | |
| 11:50am-12pm | | | | | Services | s Offered | Policies/F | rocedures | | | | | | | | | |
| 12pm-12:10pm | | | | | | | | | | | | | | | | | |
| 12:10pm-12:20pm | | | | | | | | | | | | | | | | | |
| 12:20pm-12:30pm | | Lo Cofé | á Lunch | | Wilsbach Lunch | | | | ١ , | Wilsbac | h Lunc | h | | | | | |
| 12:30pm-12:40pm | Le Café Lunch | | | | WIISDACII EUIICII | | | | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | vviispac | .II Lunc | П | | | | | |
| 12:40pm-12:50pm | | | | | | | | | | | | | | | | | |
| 12:50pm-1pm | | | | | | | | | | | | | | | | | |
| 1pm-1:10pm | | | | | | | | | | | | | | | | | |
| 1:10pm-1:20pm | | | | | Diversity | | | | | Fer | rpa | | | | | | |
| 1:20pm-1:30pm | | Contract | t, manual | | | | | | | | | | | | | | |
| 1:30pm-1:40pm | | Contrac | t, manuai | | | | | | | One | Drive | | | | | | |
| 1:40pm-1:50pm | | | | | | | | | | | | | | | | | |
| 1:50pm-2pm | | | | | | | | | Wh | no does wi | hat? Jeopa | ardy | | | | | |
| 2pm-2:10pm | ١ | What Custome | er Service Doe | es | | Tacke Day | quests, Inc | | | | | | | | | | |
| 2:10pm-2:20pm | | | | | | | | | | | | | | | | | |
| 2:20pm-2:30pm | | | | | | Search | es in SN | | | | | | | | | | |
| 2:30pm-2:40pm | | Teamb | uilding | | | KB I | n SN | | | | | | | | | | |
| 2:40pm-2:50pm | | | | | | | | | | | | | | | | | |
| 2:50pm-3pm | | | | | _ | Mal | ware | | | | | | | | | | |
| 3pm-3:10pm | | | | | | | | | | | | | | | | | |
| 3:10pm-3:20pm | | | | | Equipment | Bomgar | Printer | Service | | | | | | | | | |
| 3:20pm-3:30pm | | | | | Signout | ~ | Kiwi | Now- DS | | | | | | | | | |
| 3:30pm-3:40pm | | | | | MIFS | KB Step by | | MIFS | | | | | | | | | |
| 3:40pm-3:50pm | | | | | IVIIF3 | Software | | IVIIFS | | | | | | | | | |
| 3:50pm-4pm | | | | | | Software | | | | | | | | | | | |
| 4pm-4:10pm | | | | | | kertalle Deiebeer | | | | | | | | | | | |
| 4:10-pm-4:20pm | | | | | | Reinfoce | | | | | | | | | | | |
| 4:20pm-4:30pm | | | | | | | | | | | | | | | | | |

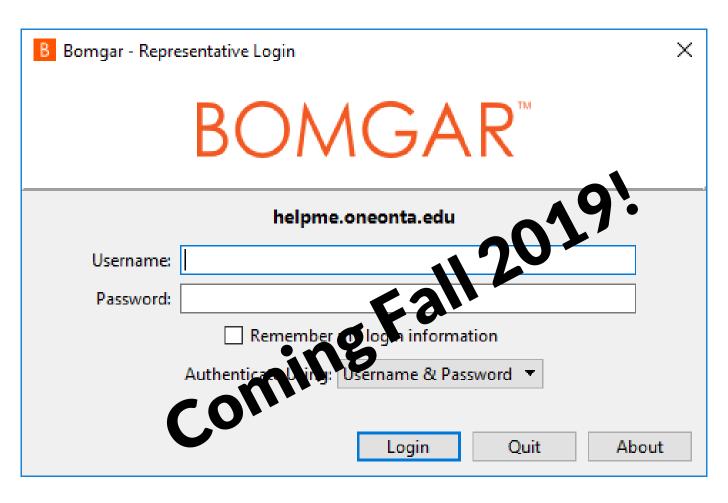
Student Assessment



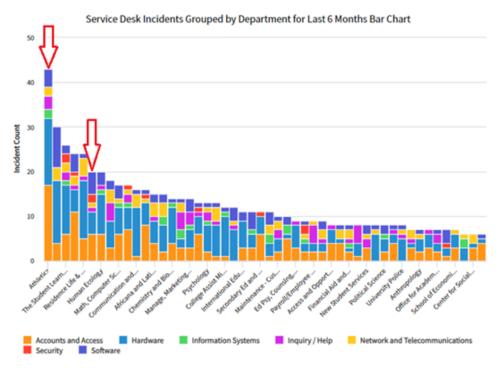
| Service Desk | | | | | | | Mid Semester | | | | End of Semester | | |
|--------------|-----------|----------|----------|----------|--------------------|-------------------|--|----------|-------------------|-------------------|-------------------------------|--------------------|-----------------|
| Lastname | Firstname | Username | Grad | Per | rformance (0-3) | Reviewed (y/n) | Improvements | Per | formance (0-3) | Reviewed (y/n) | Improvements | Returning (y/n) | Reason if N |
| | | | may 2019 | 0 | 3 | у | | 0 | 3 | n | Exit interview | n | grad |
| | | | may 2020 | 0 | 2 | у | guests, laptops out | (| 3 | У | | У | |
| | | | may 2019 | 0 | 3 | У | | | 3 | n | Exit interview | n | grad |
| | | | may 2019 | | 3 | у | searching answers, long calls. 5 w's | | 3 | n | Exit interview | n | grad |
| | | | may 2019 | 0 | 3 | У | INC0031895 | ② | 3 | n | Exit interview | n | grad |
| | | | may 2019 | ② | 3 | У | INC0031756 | ② | 3 | n | Exit interview | n | grad |
| , | | - | dec 2019 | 0 | 1 | У | paper runs, closing tickets, timelog | 8 | 0 | n | Terminated | n | no call, no sho |
| | | | May 2020 | ② | 3 | У | search first before asking | ② | 3 | У | | У | |
| | | , | May 2019 | 0 | 2 | У | paper runs, closing tickets, laptop out | 0 | 2 | n | Exit interview | n | grad |
| | | | May 2021 | ② | 3 | У | | ② | 3 | У | | У | |
| | | | May 2020 | 0 | 3 | У | | ② | 3 | У | | У | |
| Ü | | Ū | May 2019 | 0 | 2 | У | guests, laptops out, timesheet | | 3 | n | Exit interview | n | grad |
| <u>-</u> | | | May 2021 | | 3 | У | | ② | 3 | У | Exit interview | n | Transfer |
| | | | Dec 2020 | 0 | 2 | У | INC0031844, increase general knowledge | ② | 3 | У | | У | |
| | | | May 2020 | 0 | 3 | У | | 0 | 3 | У | | У | |
| | , | , | May 2020 | 0 | 2 | У | procedure knowledge | | 3 | У | | У | |
| | - | | May 2020 | | 3 | У | | ② | 3 | У | | У | |
| | | | May 2021 | | 1 | У | late signing in- | 0 | 2 | У | better but still some concern | У | |
| L | i i | | May 2020 | 0 | 2 | У | Laptop out multiple times, | O | 3 | У | | У | |
| | | | May 2021 | | 3 | У | confidence | | 3 | У | | У | |
| | | | May 2019 | 0 | 3 | У | | 0 | 3 | n | Exit interview | n | grad |
| | | | May 2021 | | 3 | У | general knowledge, self-assessment of weaknesses | ② | 3 | У | | У | |
| | | | May 2020 | 0 | 2 | У | use timelog | O | 3 | У | | У | |
| | - | | May 2020 | | 3 | у | | | 3 | У | | У | |



Remote Support Desk



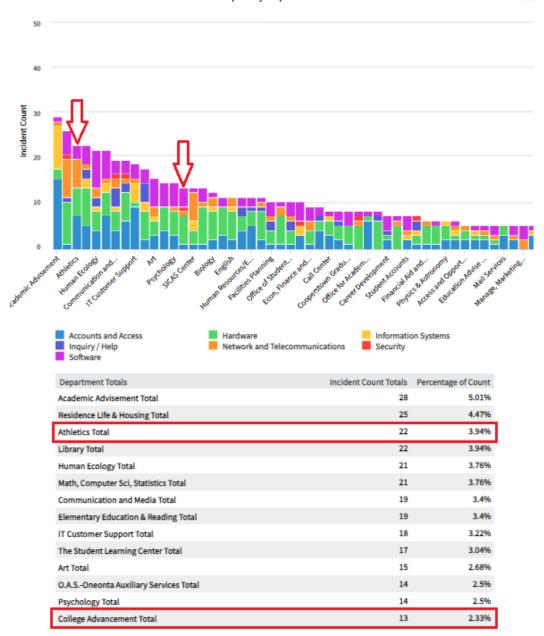
2018 Incidents:



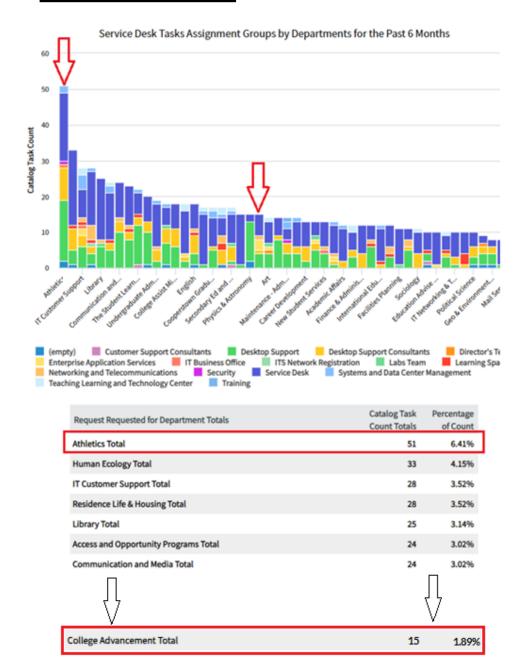
| Caller Department Totals | Incident Count Totals | Percentage of Count |
|--------------------------------------|--------------------------|------------------------|
| Athletics Total | 43 | 6.74% |
| Library Total | 30 | 4.7% |
| The Student Learning Center Total | 26 | 4.08% |
| Elementary Education & Reading Total | 24 | 3.76% |
| Residence Life & Housing Total | 24 | 3.76% |
| College Advancement Total | 20 | 3.13% |
| Human Ecology Total | 20 | 3.13% |

2019 Incidents:

Service Desk Incidents Grouped by Department for Last 6 Months Bar Chart

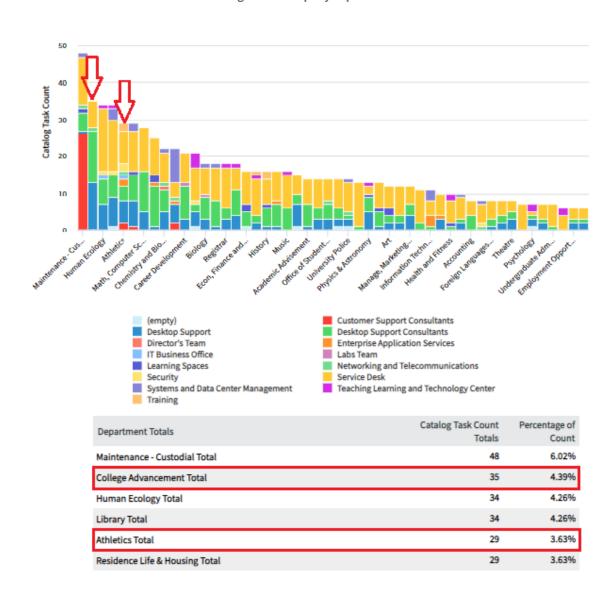


2018 Tasks:



2019 Tasks:

Service Desk Tasks Assignment Groups by Departments for the Past 6 Months



Incoming Students

How do we inform our student population about ITServices?

How do we warn students about Phishing and Malware?

What vector reaches them the best?







Where do we go from here?