

# **Annual Report for Assessment of Outcomes 2011-2012**

*Date: June 14, 2012*

## **Fire Protection Technology (FP)**

### **Outcomes Assessed for the AAS degree in Fire Protection**

#### **Changes that have been implemented towards improving students' attainment of outcomes that resulted from outcome assessments carried out in 2010-2011.**

The primary outcome concentrated on was Professional Competency which has been a main concern of our advisory board and is needed to be a contributing member of an emergency response team

As part of the Fire Protection Technology SAC's plan to be certified by the International Fire Service Accreditation Congress (IFSAC,) we have been developing the requirements to satisfy that accreditation. IFSAC is an independent accrediting body that accredits the organization similar to NWCCU and is recognized in the majority of states, by the Department of Defense, and the Council on Higher Education. This translates into portability of the student's training received at PCC along; their skills are can be recognized in other states that recognize IFSAC.

Spring Term 2012, the Fire Protection program delivered the Fire Academy Part I and II in a format that more closely simulates fire academies in the real world. The Fire Academy Part I and II (FP 111 and FP 112) is currently presented Friday, Saturday, and Sunday, for ten hours each day, for a total of 17 credits. The number of students accepted into these courses has been reduced from 48 per term to 24 per term. The strategy for this change is to concentrate on a smaller number of students to produce a higher quality of graduates.

Lab hours have been added to the Hazardous Materials: Awareness and Operation course to accommodate the needed time to train students in the manipulative skills required by NFPA 472. This prepares the student for the certification testing and provides them with the professional competencies needed to function as an emergency service provider.

The National Fire Protection Association (NFPA) reviews and revises the standards that they produce on a five year cycle. These standards are the foundations of the instruction for the Fire Protection Program. Consequently, the program is updating and revising courses to meet NFPA standards. It has been our experience when a standard is revised; more skills are added which in turn increases the amount of time needed to deliver the material effectively. To accommodate that increase in activity, the Fire Protection program has incorporated Desire2Learn in several of our face-to-face delivered courses. This allows the student to access lecture material such as power points, outside the classroom and Desire2Learn is

used to deliver the quizzes and exams. This frees up an enormous amount of time that can be used for instructional activity. The assessment feature affords the instructor more time for instruction and provides the student with a real-time look at their progress.

## **Describe the assessment design (tool and processes) used including relevant information for each outcome assessed in 2011-2012.**

### ***Communication, Critical Thinking and Problem Solving, and Professional Competence***

The emergency services is an industry where providers must communicate effectively as a member of a cohesive team to accomplish a multitude of tasks in a short time frame. This communication includes the fire crew, 911 dispatchers, law enforcement, emergency medical, and a wide variety of other public and private sector resources that may be needed to mitigate emergency events.

Critical thinking and problem solving is the corner stone of the emergency services which requires personnel to make decisions in a very short period of time with minimal information and resources that can have lasting effects upon the people affected by the event.

The binding agent for effective communication, critical thinking, and problem solving is professional competency. Without professional competency, the other outcomes cannot be as effective when applied to the emergency services.

The Fire Protection program's assessment tools and processes take into account communication, critical thinking and problem solving, and professional competence by using the following methods:

**Skill Task Books**\_ To support the assessments of skills, Skill Task Books have been developed for Fire Academy courses and the Hazardous Materials: Awareness, and Hazardous Material: Operations course. The task books provide a clear direction of the skills required, the national standard to be met, references used, equipment needed to accomplish the skills, and evaluator equipment needed. A description of the skills to be performed and expectations of the student is described and read to the student. The skills are broke down into steps identified as critical and non-critical. Pass/Fail score is based on doing the critical steps. Non-critical steps are preferred, but are considered a lesser part of the grading structure. (attachments 1 & 2)

These tools are in addition to the standard academic student assessment tools which would be weekly quizzes and exercises, mid-term exam, final exam, and term project.

### ***Community and Environmental Responsibility, Cultural Awareness, and Self-reflection***

These outcomes will be assessed during participation in FP 280A, Cooperative Education. Twelve credits of co-operative education are required for the Fire Protection AAS degree within four terms. Each term, students are required to submit a Cooperative Education Employer Evaluation, a journal activity while on shift, and a summary of their overall experience (attachments 3&4, 5 & 6).

Community and Environmental Responsibility outcome isn't specifically assessed; however, it is an intricate activity in what the students do. An option in FP 123, Hazardous Materials: Awareness and Operations class, students can participate in illegal dumpsite cleanup in cooperation with Stop Oregon Litter and Vandalism. Typical participation averages from 75 to 85% of students enrolled in the course. This is a pass/fail activity and students are required to write a reflection paper after completion. The number of students and the total hours are reported to Service Learning.

Cultural Awareness is assessed as part of the FP 280A, Cooperative Education course under the category of "Relations with Others" covers both co-workers and the public/customers. Many of the co-op students are located within the Portland metro area which contains a diverse population and culture. This exposes students to a variety of different belief systems, economic levels, family make ups, and cultural differences. An adequate tool has not been developed and better assessment is needed.

Self-reflection is assessed in FP 280A Cooperative Education by a final paper that requires the student to express their feelings about the overall experience or their involvement in a specific event. (attachment 5 &6) Self-reflection is required in the skills based courses as a review or debriefing of critical thinking activities, but isn't individually assessed.

### **Provide information about the results**

The outcomes being assessed in the skills based courses that use the Skill Books, are assessed as Pass/Fail. Critical skills are identified and must be accomplished. Currently, there are no hard data to distinguish the average performer from the exemplary performer, however, students who complete FP 111 and FP 112 pass as average performers. Typically, the success rate is 90 to 92%. Failures have not followed a clear path; some are due to injuries, time constraints, inability to adapt to the structured environment, personnel conflicts, and financial encumbrances are a few examples.

### **Identify any changes that should be implemented to help improve students' attainment of outcomes.**

The program is working on taping the skills activities to have them on line through Desire2Learn so that students can watch and review the skill activity.

The collection of data from various evaluations does not exist in regards to the Skill books used in FP 111, FP 112, and FP 123 other than the students' final course grade. Collection of this data would be useful in identifying problems as well as successful activities.

The collection and examination of assessments from the FP 280A, Cooperative Education classes will assist in identifying any issues or trends that students have outside of the school. This data could also be used to further the expansion and support of the program.

The journals and reflective summaries required for FP 280A, Cooperative Education classes will improve with the implementing of a rubric. Also, these assignments should be graded on spelling, grammar, punctuation, as well as, content. This requires collaborating with the writing department, but it would accomplish meeting the written communication outcome.

**Reflect on the effectiveness of the assessment tool and process. Describe any changes to assessment methodology that would lead to more meaningful results**

The skill books used in FP 111, FP 112, and FP 123 are effective in assessing the students' abilities because they are specifically what the objectives and the criteria's are for the skills. The students are well informed of the expectations required in each class. The instructors, lab techs, and skilled professionals who teach and assist and assess the skills use the assessment tool as part of the foundation for delivering the class.

**Portland Community College  
Operations Level Responder  
Skill Sheet #6A**

**PRODUCT CONTROL: SPILL CONTROL/CONFINEMENT**

**Competency:** NFPA 472-2008, Sections 6.6.4.1 & 6.6.4.1(3)(a-j).

**Reference:** IFSTA, *Essentials of Fire Fighting and Fire Department Operations*<sup>o</sup>, 5<sup>th</sup> Edition, 2008.  
pp. 1081, 1263-1268, 1277-1288.  
DOT, *Emergency Response Guidebook*, 2008 edition.  
pp. 167 – 291, 350 – 351, 356 – 364.

**Required Candidate Equipment:** PPE ensemble, SCBA.

**Required Instructor Equipment:** Absorbent, Simulated Incident.

**Read To Student:**  
At this station, you will demonstrate how to perform product control activities. You will operate as a member of a team. There are two **Parts** for this skill event. You are required to demonstrate both **Parts**.

In **Part I**, you are required to demonstrate basic product control functions. You are required to determine where the assigned confinement/spill control action will be performed, including determining wind direction, terrain, and hot zone (you are required to operate outside the hot zone). You must verbalize your thoughts regarding these items. **NOTE:** *Skill Demonstration Item #4*, in the list below, will be determined by completing **Part II** of this skill sheet

In **Part II**, you are required to demonstrate the confinement/spill control action, I assign, using defensive tactics. There is more than one way to accomplish a confinement/spill control action. You will not be assessed on the specific way you perform the confinement/spill control action, but rather on your ability to accomplish the specific assigned confinement/action using defensive tactics to control the product. You are required to demonstrate the confinement/spill control action while wearing the PPE you donned in *Part II* of *Skill Sheet #3*. **NOTE:** The confinement/spill control action assigned must be performed within the limits of an "operations level responder" and your training.

This is not a timed event, but you should complete the assignment as expeditiously as possible. To pass this station, you must successfully complete 100% of the critical steps (steps in **BOLD**) and a majority of the non-critical steps (steps in *italics*) in both **Part I** and **Part II**.

**P-Pass / F-Fail**

1<sup>st</sup> Attempt: 2<sup>nd</sup> attempt

**Skill Demonstration: Part I**

**Product Control Functions**

- |       |       |   |
|-------|-------|---|
| _____ | _____ | 1. Confirmed order with IC to perform product control.  |
| _____ | _____ | 2. Determined where product control functions will be performed as set-out in the IAP.<br>(Ensure: the candidate determined wind direction, terrain slope, and where the hot zone is located) |
| _____ | _____ | 3. Performed product control function.  |
| _____ | _____ | 4. Operated using PPE.  |
| _____ | _____ | 5. Operated as a member of a team.  |
| _____ | _____ | 6. Kept IC updated as to status of product control.   |
| _____ | _____ | 7. Advised IC when product control has been completed.  |

**Skill Demonstration: Part II**

**Absorption**

- |       |       |  |
|-------|-------|--|
| _____ | _____ | 8. Gathered absorbent material necessary to perform absorption.  |
| _____ | _____ | 9. Performed absorption as set-out in the IAP.   |
| _____ | _____ | 10. Performed absorption as a defensive action from a safe location. (Performed from an uphill position, with wind at their back and outside the hot zone) |

Candidate's Name: \_\_\_\_\_ Station: P \_\_\_\_\_ F \_\_\_\_\_  
1<sup>st</sup> Attempt

P \_\_\_\_\_ F \_\_\_\_\_  
2<sup>nd</sup> attempt

Evaluator's Signature: \_\_\_\_\_





P.O. Box 19000 Portland, Oregon 97280-0990

# Cooperative Education

## Fire Protection Learning Objectives

### Term 3

Due Date \_\_\_\_\_

Student _____		Supervisor/Title _____	
Program Major _____	Job Title _____	Agency/Company _____	Phone _____
Term _____	email _____	Address _____	
Student Work Phone _____	Home Phone _____	City _____	Zip _____ Fax _____

Work Schedule: Mon \_\_\_\_\_ Tues \_\_\_\_\_ Wed \_\_\_\_\_ Thur \_\_\_\_\_ Fri \_\_\_\_\_ Sat \_\_\_\_\_ Sun \_\_\_\_\_

The Learning Objectives/Activities listed here will describe the student's job related goals and the work site activities to meet those goals. See the **Cooperative Education Student Handbook** for details.

**OBJECTIVE:** What do you want to learn?

**Activities:** What will you do to learn it?

1	a. Objective: Become familiar with alternative fire service delivery.
	b. Activities: Complete 4 hour minimum mandatory "ride along" with alternative fire agency.
2	a. Objective: Assist with EMS patient care delivery.
	b. Activities: Assist lead EMS personnel, per local protocols.
3	a. Objective: Demonstrate knowledge of apparatus/equipment inventory.
	b. Activities: Complete apparatus equipment/inventory evaluation on assigned apparatus.
4	a. Objective: Become familiar/demonstrate competency with Fire Company procedures.
	b. Activities: Present/deliver a public education/station tour event. Demonstrate competency of daily firefighter routines. Work independently under limited supervision successfully.
5	a. Objective: Completion of firefighter 1 task book (Mandatory)
	b. Activities: Complete all remaining firefighter 1 tasks. (see FF1 Task Book)

Work schedule and duties may be subject to change. Contact your Cooperative Education Specialist should any major changes occur.

Student Signature _____	Date _____	Employer Signature _____	Date _____
Instructor Signature _____	Date _____	Cooperative Education Specialist _____	Date _____

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Distribution: White - Coop. Ed Specialist Yellow - Student Pink - Employer

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Co-op Winter  
Journal Entries

**Total hours 214**

Tuesday, January 17, 2012

C-shift – 24 hrs - Capt Reckmann, Lt Duncan, Eng Moreland, FF Jensen, FF kim  
Started the day doing the dailies, checking the rigs, equipment and cleaning the station. Did our morning workout, focused on a total body workout. First call of the day was a MVA, two car rear end, no serious injuries, later we had a Move-up to Forest Grove Station 4, then we responded to a Breathing problem assisted MW with vitals and MW transported pt, later that evening we had another MVA got to extricate the pt, later that night we had another call for a Seizure pt.

Friday, January 20, 2012

C-shift – 24 hrs - Capt Reckmann, Lt Duncan, Eng Moreland, FF Jensen, FF kim  
Began the day with dailies, checking the rigs and equipment then cleaning the station. Today we had a Fall pt we assisted pt back on their bed, then we responded on a Seizure pt, after we a Bleeding Problem which turned out to be a minor nose bleed due to a pt getting in a fight at a party, later we had an Invalid assist and helped pt back onto their chair, then we went on a sick person and then had another MVA-hi mech.

Thursday, January 26, 2012

C-shift – 24 hrs - Capt Reckmann, Lt Duncan, Eng Moreland, FF Jensen, FF kim  
Started the day with doing dailies, checking the rigs, equipment then we cleaned the bathrooms, hallway, stairs and kitchen. We worked out with focus on abs. We did 4 sets of 90 second abs plus a variety of other ab exercises. Our first call was a Seizure pt we took vitals and MW transported pt, later we went on a ALOC pt, then we had a Breathing problem pt we treated and took vitals and later that night a MVA-injury, that we c-spine, boarded and MW transported.

Tuesday, February 7, 2012

C-shift – 24 hrs - Capt Reckmann, Lt Duncan, Eng Moreland, FF Jensen, FF kim  
Began the day with dailies checking the rigs and equipment then cleaned the station. We responded to a Sick person that we took vitals on and MW transported pt. Then later we went on an illegal burn, which a house was burning garbage in their backyard. It was reported by a house down the street and the smell was extremely strong. After about ten minutes of driving around we finally located the house and had them extinguish it.

Friday, February 10, 2012

C-Shift – 24hrs - Capt Reckmann, Lt Duncan, Eng Moreland, FF Jensen, FF Kim,  
Today we started shift with doing our daily checks, after we worked out our abdominals. We had a busy day our first call to an “assault, rape, stab” there was a

guy that was beaten up the night before and had a black eye and a swollen head. We then had a fire alarm at the Hazelnut distribution center. We then had two MVA's back to back, a sick person code 1, then we had another two MVA's back to back. We finally were getting ready to eat dinner before we got another call to a cardiac arrest. Our rescue was already on scene and the patient had a DNR so we cleared.

Thursday, February 16, 2012

C-shift -- 24 hrs - Capt Reckmann, Lt, Duncan, Eng Moreland, FF Jensen, FF Kim  
Started the day with the usual dailies, checking rigs and equipment, then cleaned the bathrooms, hallway, stairs and kitchen. No calls for the day.

Saturday, February 25, 2012

C-shift - Winter Fire school

I found coverage today because I had signed up for Winter Fire school months prior. The two day weekend class was on Leadership I. It was taught by an instructor from West Virginia. I learned some good points and we did a mixture of lecture, group discussion and interactions. We worked on issues such as problem solving and working with others.

Tuesday, February 28, 2012

C-shift - 24hrs - Capt Reckmann, Lt Duncan, Eng Moreland, FF Jensen, FF Kim  
Started the day with our dailies of checking the rigs and equipment. We then cleaned the station including the bathrooms, hallway, stairs and kitchen. Our only call of the day was a fuel spill from a vehicle at the Dutch brothers drive through. We arrived and covered the minor spill, got some coffee and returned to quarters.

Monday, March 5, 2012

C-shift - 14 hrs - Capt Reckmann, Eng Moreland, FF Jensen, Eng Storms, FF Kim  
I had coverage for the day while I was at work, then I got to the station around 1800, an hour before drill. For drill I went over to Station 4 Forest Grove and listened to Will Murphy instruct us on EMS charting. I learned a few good techniques on how to improve my reports for the future and got a better understanding on the importance of charting.

Thursday, March 8, 2012

C-shift - 24hrs - Capt Reckmann, Lt Duncan, Eng Moreland, Eng Puma, FF Jensen, FF Kim

Started off the day with dailies, by checking all the equipment and rigs. We cleaned the kitchen, bathrooms, and mopped and swept the stairs and hallways. We then did our workout in the bay, focusing on arms and chest. I got to have some drive time on our support unit Cascade 8. I finished my last hour and 15 minutes and plan to do the drive test some time next week. Later that day we drilled at J&J, one of our firefighters wanted to get certified on E814 and E815 so we pulled hose off the engines so she could pump. We did that for a couple hours then returned to the station and washed and reloaded three of the engines, took us another couple of hours.

Sunday, March 11, 2012

C-Shift - 18 Stairclimbers

Today I was suppose to be on shift, but I found coverage so I could go up to the Seattle Stairclimb. It was an exciting event and a fun trip. This was my second year and I improved my time by 2 minutes and 7 seconds. My time was 21 minutes and seconds. It was great seeing all the firefighters from all around and the bag pipes were always fun to watch. I had a great time and can't wait to go again next year!

Wednesday, March 14, 2012

C-shift: 8 hrs - Capt Reckmann, Eng Moreland, Eng Butler, Eng Puma, FF Greisen, F Jensen, FF Kim

I arrived on shift at 2300 due to being at work all day and class at night. We got toned out to a call in Forest Grove for a stroke pt. Rescue 8 arrived after Metro Wes and assisted with vitals. Pt issue turned out to be more of a diabetic issue. Medics attempted several times to get an IV in pt veins but were unsuccessful. The rest of the night was a quiet with no calls.

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Co-op Winter Term  
Final Paper

This is my last term of co-op and I plan to finish my internship with Cornelius through August. I have been with Cornelius for over a year and a half now and it has been a great experience. I feel so fortunate to have worked with this department. The experience I have gained and all the hands on training I have been able to do have been so beneficial. Although this may be my last term for co-op it is only the beginning for my fire career. Everything I have learned I am going to carry to future departments and hopefully land a career position someday.

The skills and knowledge I have gained here has helped me become more confident, a better team player, a better provider as a EMT and firefighter, and now have a better understanding of what is expected in the fire service. Before getting into the fire service I always had a perception of what qualities it takes to be a fire fighter and now I have learned in order to be a great fire fighter one should possess as many of these qualities as possible: great attitude, safe attitude by not being complacent, adaptive, attention to detail, have great communication skills, be caring and coachable, dependable, empathetic, have discipline, be able to properly make decisions, interest in fitness and wellness, hard-working, hustle, integrity, responsible, respectful, situational awareness, team player, trustworthy, understanding the chain of command and not free lancing. One of my favorite quotes I learned from PCC was "Practice, not until you get it right, practice until you can't get it wrong."

I have worked with a diverse group of firefighters and patients as well. I have learned how to adapt appropriately for different situations. Working 24 hour shifts it is vital to be able to get along with your shift partners and other crew members working. Interning here gave me the opportunity to adjust to different peoples personalities and styles. If issues ever came up we talked about and solved the problem together. Communication played this biggest role in fixing and maintaining a good relationship with one another.

This term was especially memorable because my partner and I had our first house fire that we got to be first on scene and go interior. This was a house fire in our district south of town on Golf Course Road. We arrived with heavy smoke showing on the Alpha side. We parked in the front of the house in the driveway. I jumped out pulled a crosslay while my partner Andrew grabbed the tools. We masked up in front of the open garage. As soon as our second engine arrived for back-up we entered the garage. I was on the nozzle and Andrew was backing me. We saw fire coming from the electrical panel and we shot a couple bursts of water to knock it down then we headed upstairs to look for the seat of the fire. It was slightly smoky but we couldn't see the fire. We had suspicion that it was in the attic. Andrew pulled spots in the ceiling and we put the nozzle in a fog as we sprayed through the holes in the attic. We got a good knock down of the fire which had extended up in the attic. Luckily for the home owner and other resident that was living in the house got out when they did. The resident that had made a living space in the attic did not have any working smoke detectors, if he had not waken up before the fire spread it

could have been a different story. We began overhaul shortly after and checked for any hot spots we missed. After the investigation they determined the fire to be caused by the electrical panel.

The fire service is not for anyone, it takes a special type of breed to do this kind of work. Before starting I knew I was always interested but was not sure that I would be able to handle it. This internship has affirmed my passion and determination for this career. During this internship I have been testing with as many departments as I can and continue to do so until I can hopefully get hired. I have met a lot of great fire firefighters and officers that have inspired me to continue this journey and just be the best that I can be. I have always had great respect and admiration for fire fighters ever since I was a kid. I always got excited every time I saw an engine drive by and thought how cool would that be to one day ride in one, and better yet drive one! Fire fighters have a reputation of being honest, have integrity and are trustworthy. The public lets us in their houses without question, usually excited to see us there. That is something I take a lot of pride in, that we have great public relations and it is a career to be very proud of.

For the next five or six months I plan to work towards being an engineer. I have to do a drive test on the cascade (support unit) then I will be able to move up to the rescue, after finishing drive time, road test, and the six code 3 runs I will be able to move up to the engines. Being able to drive the engines would be such a big accomplishment for myself and also one of my biggest fears, if I could accomplish this I would be so happy. I also plan to take as many classes as I can for training and certifications. I will be finished with my fire science degree at the end of summer term.

I know that the fire service is very competitive and difficult to land a career position, but even though if I never get hired this is something that I would love to volunteer for as long as I am physically able to. I love this line of work and paid or not I would love to do this for the rest of my life. There is something so special about fire fighting, I love the camaraderie and friendships you make. I am the only one in my family living here in Oregon, all my friends and family I grew up with are in Washington near Seattle. My family here was the members of the station, we were always here for one another and that was something special. I am really going to miss my brothers and sisters here, it has truly been a pleasure working with everyone and going to be really hard when it comes time to leave. The journey here does not stop however, I plan on moving back to Washington and continue as a volunteer with one of the King County departments and continue applying for career positions. I like to thank PCC for this opportunity to further my education in a career that I have so much passion for. This has been an incredible experience and I can't wait to see what the future has to hold. Thank you!

Attachment 5



FP280A Winter Term 2012

FP 280A – Cooperative Education Winter 2012

Daily Entries

Tuesday January 10<sup>th</sup> - Shift 24 hours. Officers for the day were Captain Black and Lieutenant Duncan. At the start of shift, we responded to a report of an Auto vs. Pedestrian. We arrived to find one patient on the ground in the middle of Baseline with a contusion to the back of his head. When we arrived, a bystander was already holding C-Spine, which I took over for. We loaded the patient into the ambulance and entered him into the trauma system. I assisted the Metro West crew with patient care up to OHSU.

Friday January 13<sup>th</sup> - Shift 24 hours. Officers for the day were Captain Black. No Calls

Monday January 16<sup>th</sup> - Shift 24 hours. Officers for the day were Captain Black and Lieutenant Duncan. Responded to 3 calls. The First call came over before my shift started, but I was available to assist A-shift ride out on their call. We arrived to find a terminal patient complaining of abdominal pain. After a full assessment, we suspected a bowel obstruction and transported. Later in the day, responded to an illegal burn which we had the home owner extinguish. The last call was a ground level fall. We arrived to find the patient seated in a chair. Patient denied any pain. The caller was the patient's son who was overly worried. We had the patient sign a refusal.

Thursday January 19<sup>th</sup> - Shift 24 hours. Officers for the day were Captain Black and Lieutenant Duncan. Responded to a report of a syncopal episode. Arrived to find a male patient semi-conscious on the floor. When asking about any drug or alcohol use, the patient denied any but the family members informed us that the patient had etoh and marijuana use within the last two hours. Patient was transported for further treatment.

Sunday January 22<sup>nd</sup> - Shift 24 hours. Officers for the day were Captain Black. No calls.

Wednesday January 25<sup>th</sup> - Shift 24 hours. Officers for the day were Captain Black and Lieutenant Duncan. No calls.

Saturday January 28<sup>th</sup> - Shift 24 hours. Officers for the day were Captain Black and Captain Meyer. First call in the morning was a commercial fire alarm at Cornelius Elementary. We arrived at the school to find no smoke showing and a reporting party out front stating that someone pulled the fire alarm in the gym. We reset the alarm pull handle and reset the main alarm. Responded to two burn complaints which we had both parties extinguish the fires. Responded to a report of a cardiac arrest, but when we arrived, we found a patient semi-conscious with very slow respirations. The patient was suspected to have taken prescription narcotics. Patient was transported without being given Narcan on scene by Metro West.

Tuesday January 31<sup>st</sup> - Shift 24 hours. Officers for the day were Captain Black and Lieutenant Duncan. Responded to two calls at the end of shift. First call was a report of chest pain. The patient was calling from an area north of the station near the train tracks. We arrived and were cancelled by Metro West. The Second call was a report of a sick person. We arrived to find a middle aged man complaining of abdominal pain. The patient had recently undergone colon reduction but was deemed not due to cancer. The patient was sent home with a colostomy bag which had also fell out. The patient was very pale looking and showed obvious signs of pain due to guarding. While completing an initial assessment, the patient began to throw up. While the patient was throwing up, it was noted that he was too weak to roll over completely to one side. This made me worried about the possibility that the patient could aspirate. At that time I asked the responding Metro West ambulance to step up to code three on their response. The patient was transported.

Hours For January = 293

Friday February 3<sup>rd</sup> - Shift 24 hours. Officers for the day were Captain Black. Today we were covering Forest Grove while they attended a funeral for a retired volunteer firefighter. During the funeral, we responded to a report of a seizure call. We arrived to find the patient not in active seizure and declining any medical treatment. We assisted Metro West in convincing they should at least get checked out at the hospital. The patient decided to go POV. In the evening, we responded to a report of an MVA. At first we were unable to locate the accident due to incorrect location given to dispatch. After a quick correction we arrived to find two vehicles with minor damage. The driver of the car that was rear ended was requesting medical because she was 7 months pregnant. Both parties checked out ok and were not transported.

Monday February 6<sup>th</sup> - Shift 13 hours. Officers for the day were Captain Black and Lieutenant Duncan. Today was my first shift day that I was in paramedic class. I returned to complete a 14 hour shift with no calls.

Thursday February 9<sup>th</sup> - Shift 13 hours. Officers for the day were Captain Black and Lieutenant Duncan. Responded to four calls back to back. First call was a report of a seizure. We arrived to find the patient postictal. When questioning the husband, he stated that she had previous history of seizures and that her last seizure caused her to be at the hospital for six months. The patients postictal phase was one of the strangest I have ever seen, she understood what was going on and could answer the appropriate questions for determining her LOC but would slip in and out of a crying fit and talking about nonsense, and just a few seconds later was calm again. The second call was a frequently visited patient who was bed ridden due to permanent stroke deficits. She was transported for a bowl obstruction.

attachment 6

The third call was for a report of an assault one block from the fire station. We arrived to find one patient who was assaulted by two individuals who were in police custody. The patient was suffering from a laceration to the bridge of his nose. The patient declined transport. The last call was reported as a cardiac arrest. We arrived to find one patient face down on the floor that was cold and stiff. We reported the patient as a DOS.

Sunday February 12<sup>th</sup> - Shift 24 hours. Officers for the day were Captain Black. Responded to two calls. First call was to a report of an overdose. We arrived to find a young female patient who was abusing computer duster inhalants. The patient has had a history of attempted suicide and drug abuse. She was arrested and sighted for unlawful use of a controlled substance. The second call was a report of a trauma at the local slaughter house. We arrived to find a later aged male on the ground in a small stable. The patient was attempting to load a cow into the back of a horse trailer when the cow had knocked him to the ground and ran him over. The patient was quickly loaded onto a backboard and transported to Emanuel as a trauma system entry.

Wednesday February 15<sup>th</sup> - Shift 24 hours. Officers for the day were Captain Black and Lieutenant Duncan. Responded to no calls.

Saturday February 18<sup>th</sup> - Took the shift off for the wife's birthday.

Tuesday February 21<sup>st</sup> - Took the shift off for the wife's birthday.

Friday February 24<sup>th</sup> - Shift 24 hours. Officers for the day were Captain Black. Responded to two calls. First was a report of chest pain. We arrived to find one patient complaining of chest pain. Patient showed no signs of an MI on a 3 lead but was transported by Metro West. The Second call was a residential auto alarm. We responded but were cancelled due to burnt food.

Monday February 6<sup>th</sup> - Shift 3 hours. Officers for the day were Captain Black and Lieutenant Duncan. While I was in class, the station responded to a non-injury roll over and a residential fire. After class I returned to the station for drill but left due to no open beds.

Hours for February = 161

Thursday March 1<sup>st</sup> - Shift 13 hours. Officers for the day were Captain Black and Lieutenant Duncan. Responded to no calls.

Sunday March 4<sup>th</sup> - Took shift off for a trip to the beach.

Wednesday March 7<sup>th</sup> - Shift 24 hours. Officers for the day were Captain Black and Lieutenant Duncan. Responded to six calls. First call was a report of choking at Cornelius Elementary. We were cancelled by Metro West. Second call was a non-injury MVA. We assessed patient vitals and received two refusals. Third call was a report of an MVA with injuries, but was dispatched incorrectly and the accident was at another location. Fourth call was another MVA non-injury. We responded to find one vehicle off the side of the road. Everyone was out and the owner was waiting for a tow. Fifth call was a report of an overdose. We arrived to find one patient in the bathroom having an argument with her mother. The patient denied taking any medications and was released to the care of her mom. The Last call was for another MVA. When we arrived, witnesses reported that the vehicle had run off the road but was able to return to the road and left the scene.

Saturday March 10<sup>th</sup> - Shift 24 hours. Officers for the day were Captain Meyer and Lieutenant Augustine. Responded to five calls. First call was a report of an electrical fire. We arrived to find a melted cord to a microwave had started on fire. The home owner was able to switch the breaker off and extinguish the fire. Second call was to an MVA non-injury. We arrived to find one vehicle had run into a stop sign and off the road. We replaced the stop sign and notified public works. Third call was to a report of a ground level fall. We arrived to find one patient sitting upright. When we attempted to stand the patient up, she complained of upper and lower back pain. We took C-spine precautions and back boarded the patient. The fourth call was to a report of an overdose. We arrived to find one patient confused and unable to obey commands. The patient had seemed to have taken some sort of prescription medication that was non-narcotic. She was transported to the hospital. Our last call was for a report of a breathing problem but we were cancelled in route.

Tuesday March 13<sup>th</sup> - Shift 24 hours. Officers for the day were Captain Black and Lieutenant Duncan. Responded to two calls. First call was to a report of cardiac arrest. We arrived to find one patient in bed, but was cold and stiff. We reported the patient as a DOS. Second call was for a vehicle lockout. We arrived to attempt to open a locked door of a vehicle with a small child in a car seat in the back of the vehicle. Before I was able to get the car unlocked, the owners husband arrived with a second set of keys.

Hours for March == 90

## Shift Summary For Winter Term Cooperative Education by Jeff Lewis

This is my Fourth term of cooperative education. I have been at Cornelius Fire Department for one year now. I have recently finished all the required tasks for completing my probationary period for the department. This has allowed me to come "off probation" which has entitled me to my firefighter badge and a black shirt. For the past nine months, I have been a full time intern working a platoon shift of 24 hours on and 48 hours off. I have been on B shift for 7 months. My B shift partners are Collin Scott and Kevin Ritchens. My assigned officer for B shift is Captain Steve Black. For my objectives over the last three months, I've come up short on some goals that my officer had set. For the first goal of becoming a pumper operator, the class though our department was cancelled. I have recently signed up for a class in Coos Bay for April to fulfill this goal. Second part of that goal was to be certified on all apparatus, but this cannot be obtained until a pumper class is complete. And lastly, I am unable to take an instructor course due to my heavy work load with my paramedic course.

This term has been one of the most stressful and rewarding at the same. Since I've started paramedic class, the strain of class and the department can be felt. Lately it has been one juggling act to figure out another routine to follow, but I'm pleased to say it seems to be getting easier. It has been great to finally come off probation at the department. I get the feeling of actually being a part of the team instead of feeling like the new guy.

One of my notable calls for winter term was on Tuesday January 10<sup>th</sup>. We responded to a report of an auto vs. pedestrian but when we arrived we found one patient with a head injury and about 50cc of blood on the pavement but there was no car to be found and the witnesses reported never seeing a car. When we loaded up the patient and started heading to the hospital, the patient was very confused. The patient was unable to answer any of our questions regarding what had happened. In route to OHSU, the patient started coming around. We were able to ask him where he lived and what his name was. When we asked him what the last thing he could remember was, he could only account for about three hours before the accident. We completed a detailed exam and the patient had no signs of being hit by any car. When we asked him what his medical history was, he replied that he was on anti seizure medication. When the patient reported that, both the medic and I thought that the patient suffered a ground level fall due to a seizure and was postictal. When we arrived at OHSU we took another blood pressure. The reading was 190/120. Both the medic and I wrote that off as an error in the auto BP cuff. As we wheeled the patient into the ER, he suddenly stated throwing up. We again only accounted that as the winding roads up to OHSU. When I returned to the station, I was talking to the guys about what had happened when we delivered the patient and how we thought the patient was an epileptic. Oh we were wrong...

We were informed the driver of the car that hit him was stopped about 500 feet down the road from the scene. The driver was so scared that he was not sure what to do and continued to hit the gas pedal when he thought he was hitting the brakes. It seems kind of scary that we presumed the patients head injury could be less than what it really was.

Another interesting call was our trauma system entry on Sunday February 12<sup>th</sup>. The call came down as a trauma at the slaughter house. Our first thought was someone got gut with the meat processing equipment. We then heard the read back for the patient being trampled by a cow. When we arrived we found the patient on his back with a small head laceration. When we tried to talk to the patient, he seemed agitated and confused just like my previous patient who was hit by the car. We quickly loaded up the patient and decided to drive the patient instead of activating life flight on the account it was a Sunday evening and traffic should be light. The patient was transported to Emanuel with firefighter Kevin Ritchson. When he returned he gave us a status update. As with my last trauma patient, Kevin's patient also had a high BP when dropped off at the ER which gives a high suspicion for severe head trauma.

I'm glad to have finished my last term of co-op. I can now focus on my paramedic class at NCTI and complete the rest of my required general education classes. I've enjoyed the opportunity that I have received at the Cornelius Fire Department. I've met a lot of good people in this field of work and am thankful for the day I made the decision to do this. I still remember the day that I stopped by the cascade campus to get information on the fire science program. I sat down with some gentleman in the back of the hall and told him how I was an auto tech and that I was in need of a change. This guy who completely smelled of a freshly burnt down house told me almost the exact same story about how he was thirty year old auto body mechanic who quit and started being a firefighter. I had some hesitation about the program, but a completed the application on the spot and turned it in. One year and six months later I could not be happier.

## Fire Protection Annual Report for Assessment of Outcomes 2011-2012 Attachments

Co-op Winter  
Journal Entries

### **Total hours 214**

Tuesday, January 17, 2012

C-shift – 24 hrs - Capt Reckmann, Lt Duncan, Eng Moreland, FF Jensen, FF kim  
Started the day doing the dailies, checking the rigs, equipment and cleaning the station. Did our morning workout, focused on a total body workout. First call of the day was a MVA, two car rear end, no serious injuries, later we had a Move-up to Forest Grove Station 4, then we responded to a Breathing problem assisted MW with vitals and MW transported pt, later that evening we had another MVA got to extricate the pt, later that night we had another call for a Seizure pt.

Friday, January 20, 2012

C-shift – 24 hrs - Capt Reckmann, Lt Duncan, Eng Moreland, FF Jensen, FF kim  
Began the day with dailies, checking the rigs and equipment then cleaning the station. Today we had a Fall pt we assisted pt back on their bed, then we responded on a Seizure pt, after we a Bleeding Problem which turned out to be a minor nose bleed due to a pt getting in a fight at a party, later we had an Invalid assist and helped pt back onto their chair, then we went on a sick person and then had another MVA-hi mech.

Thursday, January 26, 2012

C-shift – 24 hrs - Capt Reckmann, Lt Duncan, Eng Moreland, FF Jensen, FF kim  
Started the day with doing dailies, checking the rigs, equipment then we cleaned the bathrooms, hallway, stairs and kitchen. We worked out with focus on abs. We did 4 sets of 90 second abs plus a variety of other ab exercises. Our first call was a Seizure pt we took vitals and MW transported pt, later we went on a ALOC pt, then we had a Breathing problem pt we treated and took vitals and later that night a MVA-injury, that we c-spine, boarded and MW transported.

Tuesday, February 7, 2012

C-shift – 24 hrs - Capt Reckmann, Lt Duncan, Eng Moreland, FF Jensen, FF kim  
Began the day with dailies checking the rigs and equipment then cleaned the station. We responded to a Sick person that we took vitals on and MW transported pt. Then later we went on an illegal burn, which a house was burning garbage in their backyard. It was reported by a house down the street and the smell was extremely strong. After about ten minutes of driving around we finally located the house and had them extinguish it.

Friday, February 10, 2012

C-Shift – 24hrs - Capt Reckmann, Lt Duncan, Eng Moreland, FF Jensen, FF Kim,  
Today we started shift with doing our daily checks, after we worked out our abdominals. We had a busy day our first call to an "assault, rape, stab" there was a

## Fire Protection Annual Report for Assessment of Outcomes 2011-2012 Attachments

guy that was beaten up the night before and had a black eye and a swollen head. We then had a fire alarm at the Hazelnut distribution center. We then had two MVA's back to back, a sick person code 1, then we had another two MVA's back to back. We finally were getting ready to eat dinner before we got another call to a cardiac arrest. Our rescue was already on scene and the patient had a DNR so we cleared.

Thursday, February 16, 2012

C-shift - 24 hrs - Capt Reckmann, Lt, Duncan, Eng Moreland, FF Jensen, FF Kim  
Started the day with the usual dailies, checking rigs and equipment, then cleaned the bathrooms, hallway, stairs and kitchen. No calls for the day.

Saturday, February 25, 2012

C-shift - Winter Fire school

I found coverage today because I had signed up for Winter Fire school months prior. The two day weekend class was on Leadership I. It was taught by an instructor from West Virginia. I learned some good points and we did a mixture of lecture, group discussion and interactions. We worked on issues such as problem solving and working with others.

Tuesday, February 28, 2012

C-shift - 24hrs - Capt Reckmann, Lt Duncan, Eng Moreland, FF Jensen, FF Kim  
Started the day with our dailies of checking the rigs and equipment. We then cleaned the station including the bathrooms, hallway, stairs and kitchen. Our only call of the day was a fuel spill from a vehicle at the Dutch brothers drive through. We arrived and covered the minor spill, got some coffee and returned to quarters.

Monday, March 5, 2012

C-shift - 14 hrs - Capt Reckmann, Eng Moreland, FF Jensen, Eng Storms, FF Kim  
I had coverage for the day while I was at work, then I got to the station around 1800, an hour before drill. For drill I went over to Station 4 Forest Grove and listened to Will Murphy instruct us on EMS charting. I learned a few good techniques on how to improve my reports for the future and got a better understanding on the importance of charting.

Thursday, March 8, 2012

C-shift - 24hrs - Capt Reckmann, Lt Duncan, Eng Moreland, Eng Puma, FF Jensen, FF Kim

Started off the day with dailies, by checking all the equipment and rigs. We cleaned the kitchen, bathrooms, and mopped and swept the stairs and hallways. We then did our workout in the bay, focusing on arms and chest. I got to have some drive time on our support unit Cascade 8. I finished my last hour and 15 minutes and plan to do the drive test some time next week. Later that day we drilled at J&J, one of our firefighters wanted to get certified on E814 and E815 so we pulled hose off the engines so she could pump. We did that for a couple hours then returned to the station and washed and reloaded three of the engines, took us another couple of hours.

Sunday, March 11, 2012

C-Shift - 18 Stairclimbers

Today I was suppose to be on shift, but I found coverage so I could go up to the Seattle Stairclimb. It was an exciting event and a fun trip. This was my second year and I improved my time by 2 minutes and 7 seconds. My time was 21 minutes and seconds. It was great seeing all the firefighters from all around and the bag pipes were always fun to watch. I had a great time and can't wait to go again next year!

Wednesday, March 14, 2012

C-shift- 8 hrs - Capt Reckmann, Eng Moreland, Eng Butler, Eng Puma, FF Greisen, F Jensen, FF Kim

I arrived on shift at 2300 due to being at work all day and class at night. We got toned out to a call in Forest Grove for a stroke pt. Rescue8 arrived after Metro Wes and assisted with vitals. Pt issue turned out to be more of a diabetic issue. Medics attempted several times to get an IV in pt veins but were unsuccessful. The rest of the night was a quiet with no calls.

## Fire Protection Annual Report for Assessment of Outcomes 2011-2012 Attachments

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Co-op Winter Term  
Final Paper

This is my last term of co-op and I plan to finish my internship with Cornelius through August. I have been with Cornelius for over a year and a half now and it has been a great experience. I feel so fortunate to have worked with this department. The experience I have gained and all the hands on training I have been able to do have been so beneficial. Although this may be my last term for co-op it is only the beginning for my fire career. Everything I have learned I am going to carry to future departments and hopefully land a career position someday.

The skills and knowledge I have gained here has helped me become more confident, a better team player, a better provider as a EMT and firefighter, and now have a better understanding of what is expected in the fire service. Before getting into the fire service I always had a perception of what qualities it takes to be a fire fighter and now I have learned in order to be a great fire fighter one should possess as many of these qualities as possible: great attitude, safe attitude by not being complacent, adaptive, attention to detail, have great communication skills, be caring and coachable, dependable, empathetic, have discipline, be able to properly make decisions, interest in fitness and wellness, hard-working, hustle, integrity, responsible, respectful, situational awareness, team player, trustworthy, understanding the chain of command and not free lancing. One of my favorite quotes I learned from PCC was "Practice, not until you get it right, practice until you can't get it wrong."

I have worked with a diverse group of firefighters and patients as well. I have learned how to adapt appropriately for different situations. Working 24 hour shifts it is vital to be able to get along with your shift partners and other crew members working. Interning here gave me the opportunity to adjust to different peoples personalities and styles. If issues ever came up we talked about and solved the problem together. Communication played this biggest role in fixing and maintaining a good relationship with one another.

This term was especially memorable because my partner and I had our first house fire that we got to be first on scene and go interior. This was a house fire in our district south of town on Golf Course Road. We arrived with heavy smoke showing on the Alpha side. We parked in the front of the house in the driveway. I jumped out pulled a crosslay while my partner Andrew grabbed the tools. We masked up in front of the open garage. As soon as our second engine arrived for back-up we entered the garage. I was on the nozzle and Andrew was backing me. We saw fire coming from the electrical panel and we shot a couple bursts of water to knock it down then we headed upstairs to look for the seat of the fire. It was slightly smoky but we couldn't see the fire. We had suspicion that it was in the attic. Andrew pulled spots in the ceiling and we put the nozzle in a fog as we sprayed through the holes in the attic. We got a good knock down of the fire which had extended up in the attic. Luckily for the home owner and other resident that was living in the house got out when they did. The resident that had made a living space in the attic did not have any working smoke detectors, if he had not waken up before the fire spread it

## Fire Protection Annual Report for Assessment of Outcomes 2011-2012 Attachments

could have been a different story. We began overhaul shortly after and checked for any hot spots we missed. After the investigation they determined the fire to be caused by the electrical panel.

The fire service is not for anyone, it takes a special type of breed to do this kind of work. Before starting I knew I was always interested but was not sure that I would be able to handle it. This internship has affirmed my passion and determination for this career. During this internship I have been testing with as many departments as I can and continue to do so until I can hopefully get hired. I have met a lot of great fire firefighters and officers that have inspired me to continue this journey and just be the best that I can be. I have always had great respect and admiration for fire fighters ever since I was a kid. I always got excited every time I saw an engine drive by and thought how cool would that be to one day ride in one, and better yet drive one! Fire fighters have a reputation of being honest, have integrity and are trustworthy. The public lets us in their houses without question, usually excited to see us there. That is something I take a lot of pride in, that we have great public relations and it is a career to be very proud of.

For the next five or six months I plan to work towards being an engineer. I have to do a drive test on the cascade (support unit) then I will be able to move up to the rescue, after finishing drive time, road test, and the six code 3 runs I will be able to move up to the engines. Being able to drive the engines would be such a big accomplishment for myself and also one of my biggest fears, if I could accomplish this I would be so happy. I also plan to take as many classes as I can for training and certifications. I will be finished with my fire science degree at the end of summer term.

I know that the fire service is very competitive and difficult to land a career position, but even though if I never get hired this is something that I would love to volunteer for as long as I am physically able to. I love this line of work and paid or not I would love to do this for the rest of my life. There is something so special about fire fighting, I love the camaraderie and friendships you make. I am the only one in my family living here in Oregon, all my friends and family I grew up with are in Washington near Seattle. My family here was the members of the station, we were always here for one another and that was something special. I am really going to miss my brothers and sisters here, it has truly been a pleasure working with everyone and going to be really hard when it comes time to leave. The journey here does not stop however, I plan on moving back to Washington and continue as a volunteer with one of the King County departments and continue applying for career positions. I like to thank PCC for this opportunity to further my education in a career that I have so much passion for. This has been an incredible experience and I can't wait to see what the future has to hold. Thank you!



**FP280A Winter Term 2012**

## Fire Protection Annual Report for Assessment of Outcomes 2011-2012 Attachments

FP 280A – Cooperative Education Winter 2012

### Daily Entries

Tuesday January 10<sup>th</sup> - Shift 24 hours. Officers for the day were Captain Black and Lieutenant Duncan. At the start of shift, we responded to a report of an Auto vs. Pedestrian. We arrived to find one patient on the ground in the middle of Baseline with a contusion to the back of his head. When we arrived, a bystander was already holding C-Spine, which I took over for. We loaded the patient into the ambulance and entered him into the trauma system. I assisted the Metro West crew with patient care up to OHSU.

Friday January 13<sup>th</sup> - Shift 24 hours. Officers for the day were Captain Black. No Calls

Monday January 16<sup>th</sup> - Shift 24 hours. Officers for the day were Captain Black and Lieutenant Duncan. Responded to 3 calls. The First call came over before my shift started, but I was available to assist A-shift ride out on their call. We arrived to find a terminal patient complaining of abdominal pain. After a full assessment, we suspected a bowel obstruction and transported. Later in the day, responded to an illegal burn which we had the home owner extinguish. The last call was a ground level fall. We arrived to find the patient seated in a chair. Patient denied any pain. The caller was the patient's son who was overly worried. We had the patient sign a refusal.

Thursday January 19<sup>th</sup> - Shift 24 hours. Officers for the day were Captain Black and Lieutenant Duncan. Responded to a report of a syncopal episode. Arrived to find a male patient semi-conscious on the floor. When asking about any drug or alcohol use, the patient denied any but the family members informed us that the patient had etoh and marijuana use within the last two hours. Patient was transported for further treatment.

Sunday January 22<sup>nd</sup> - Shift 24 hours. Officers for the day were Captain Black. No calls.

Wednesday January 25<sup>th</sup> - Shift 24 hours. Officers for the day were Captain Black and Lieutenant Duncan. No calls.

Saturday January 28<sup>th</sup> - Shift 24 hours. Officers for the day were Captain Black and Captain Meyer. First call in the morning was a commercial fire alarm at Cornelius Elementary. We arrived at the school to find no smoke showing and a reporting party out front stating that someone pulled the fire alarm in the gym. We reset the alarm pull handle and reset the main alarm. Responded to two burn complaints which we had both parties extinguish the fires. Responded to a report of a cardiac arrest, but when we arrived, we found a patient semi-conscious with very slow respirations. The patient was suspected to have taken prescription narcotics. Patient was transported without being given Narcan on scene by Metro West.

## Fire Protection Annual Report for Assessment of Outcomes 2011-2012 Attachments

Tuesday January 31<sup>st</sup> - Shift 24 hours. Officers for the day were Captain Black and Lieutenant Duncan. Responded to two calls at the end of shift. First call was a report of chest pain. The patient was calling from an area north of the station near the train tracks. We arrived and were cancelled by Metro West. The Second call was a report of a sick person. We arrived to find a middle aged man complaining of abdominal pain. The patient had recently undergone colon reduction but was deemed not due to cancer. The patient was sent home with a colostomy bag which had also fell out. The patient was very pale looking and showed obvious signs of pain due to guarding. While completing an initial assessment, the patient began to throw up. While the patient was throwing up, it was noted that he was too weak to roll over completely to one side. This made me worried about the possibility that the patient could aspirate. At that time I asked the responding Metro West ambulance to step up to code three on their response. The patient was transported.

Hours For January = 293

Friday February 3<sup>rd</sup> - Shift 24 hours. Officers for the day were Captain Black. Today we were covering Forest Grove while they attended a funeral for a retired volunteer firefighter. During the funeral, we responded to a report of a seizure call. We arrived to find the patient not in active seizure and declining any medical treatment. We assisted Metro West in convincing they should at least get checked out at the hospital. The patient decided to go POV. In the evening, we responded to a report of an MVA. At first we were unable to locate the accident due to incorrect location given to dispatch. After a quick correction we arrived to find two vehicles with minor damage. The driver of the car that was rear ended was requesting medical because she was 7 months pregnant. Both parties checked out ok and were not transported.

Monday February 6<sup>th</sup> - Shift 13 hours. Officers for the day were Captain Black and Lieutenant Duncan. Today was my first shift day that I was in paramedic class. I returned to complete a 14 hour shift with no calls.

Thursday February 9<sup>th</sup> - Shift 13 hours. Officers for the day were Captain Black and Lieutenant Duncan. Responded to four calls back to back. First call was a report of a seizure. We arrived to find the patient postictal. When questioning the husband, he stated that she had previous history of seizures and that her last seizure caused her to be at the hospital for six months. The patients postictal phase was one of the strangest I have ever seen, she understood what was going on and could answer the appropriate questions for determining her LOC but would slip in and out of a crying fit and talking about nonsense, and just a few seconds later was calm again. The second call was a frequently visited patient who was bed ridden due to permanent stroke deficits. She was transported for a bowel obstruction.

## Fire Protection Annual Report for Assessment of Outcomes 2011-2012 Attachments

The third call was for a report of an assault one block from the fire station. We arrived to find one patient who was assaulted by two individuals who were in police custody. The patient was suffering from a laceration to the bridge of his nose. The patient declined transport. The last call was reported as a cardiac arrest. We arrived to find one patient face down on the floor that was cold and stiff. We reported the patient as a DOS.

Sunday February 12<sup>th</sup> - Shift 24 hours. Officers for the day were Captain Black. Responded to two calls. First call was to a report of an overdose. We arrived to find a young female patient who was abusing computer duster inhalants. The patient has had a history of attempted suicide and drug abuse. She was arrested and sighted for unlawful use of a controlled substance. The second call was a report of a trauma at the local slaughter house. We arrived to find a later aged male on the ground in a small stable. The patient was attempting to load a cow into the back of a horse trailer when the cow had knocked him to the ground and ran him over. The patient was quickly loaded onto a backboard and transported to Emanuel as a trauma system entry.

Wednesday February 15<sup>th</sup> - Shift 24 hours. Officers for the day were Captain Black and Lieutenant Duncan. Responded to no calls.

Saturday February 18<sup>th</sup> - Took the shift off for the wife's birthday.

Tuesday February 21<sup>st</sup> - Took the shift off for the wife's birthday.

Friday February 24<sup>th</sup> - Shift 24 hours. Officers for the day were Captain Black. Responded to two calls. First was a report of chest pain. We arrived to find one patient complaining of chest pain. Patient showed no signs of an MI on a 3 lead but was transported by Metro West. The Second call was a residential auto alarm. We responded but were cancelled due to burnt food.

Monday February 6<sup>th</sup> - Shift 3 hours. Officers for the day were Captain Black and Lieutenant Duncan. While I was in class, the station responded to a non-injury roll over and a residential fire. After class I returned to the station for drill but left due to no open beds.

Hours for February = 161

Thursday March 1<sup>st</sup> - Shift 13 hours. Officers for the day were Captain Black and Lieutenant Duncan. Responded to no calls.

Sunday March 4<sup>th</sup> - Took shift off for a trip to the beach.

## Fire Protection Annual Report for Assessment of Outcomes 2011-2012 Attachments

Wednesday March 7<sup>th</sup> - Shift 24 hours. Officers for the day were Captain Black and Lieutenant Duncan. Responded to six calls. First call was a report of choking at Cornelius Elementary. We were cancelled by Metro West. Second call was a non-injury MVA. We assessed patient vitals and received two refusals. Third call was a report of an MVA with injuries, but was dispatched incorrectly and the accident was at another location. Fourth call was another MVA non-injury. We responded to find one vehicle off the side of the road. Everyone was out and the owner was waiting for a tow. Fifth call was a report of an overdose. We arrived to find one patient in the bathroom having an argument with her mother. The patient denied taking any medications and was released to the care of her mom. The Last call was for another MVA. When we arrived, witnesses reported that the vehicle had run off the road but was able to return to the road and left the scene.

Saturday March 10<sup>th</sup> - Shift 24 hours. Officers for the day were Captain Meyer and Lieutenant Augustine. Responded to five calls. First call was a report of an electrical fire. We arrived to find a melted cord to a microwave had started on fire. The home owner was able to switch the breaker off and extinguish the fire. Second call was to an MVA non-injury. We arrived to find one vehicle had run into a stop sign and off the road. We replaced the stop sign and notified public works. Third call was to a report of a ground level fall. We arrived to find one patient sitting upright. When we attempted to stand the patient up, she complained of upper and lower back pain. We took C-spine precautions and back boarded the patient. The fourth call was to a report of an overdose. We arrived to find one patient confused and unable to obey commands. The patient had seemed to have taken some sort of prescription medication that was non-narcotic. She was transported to the hospital. Our last call was for a report of a breathing problem but we were cancelled in route.

Tuesday March 13<sup>th</sup> - Shift 24 hours. Officers for the day were Captain Black and Lieutenant Duncan. Responded to two calls. First call was to a report of cardiac arrest. We arrived to find one patient in bed, but was cold and stiff. We reported the patient as a DOS. Second call was for a vehicle lockout. We arrived to attempt to open a locked door of a vehicle with a small child in a car seat in the back of the vehicle. Before I was able to get the car unlocked, the owners husband arrived with a second set of keys.

Hours for March == 90

## Fire Protection Annual Report for Assessment of Outcomes 2011-2012 Attachments

### Shift Summary For Winter Term Cooperative Education by Jeff Lewis

This is my Fourth term of cooperative education. I have been at Cornelius Fire Department for one year now. I have recently finished all the required tasks for completing my probationary period for the department. This has allowed me to come "off probation" which has entitled me to my firefighter badge and a black shirt. For the past nine months, I have been a full time intern working a platoon shift of 24 hours on and 48 hours off. I have been on B shift for 7 months. My B shift partners are Collin Scott and Kevin Ritchens. My assigned officer for B shift is Captain Steve Black. For my objectives over the last three months, I've come up short on some goals that my officer had set. For the first goal of becoming a pumper operator, the class though our department was cancelled. I have recently signed up for a class in Coos Bay for April to fulfill this goal. Second part of that goal was to be certified on all apparatus, but this cannot be obtained until a pumper class is complete. And lastly, I am unable to take an instructor course due to my heavy work load with my paramedic course.

This term has been one of the most stressful and rewarding at the same. Since I've started paramedic class, the strain of class and the department can be felt. Lately it has been one juggling act to figure out another routine to follow, but I'm pleased to say it seems to be getting easier. It has been great to finally come off probation at the department. I get the feeling of actually being a part of the team instead of feeling like the new guy.

One of my notable calls for winter term was on Tuesday January 10<sup>th</sup>. We responded to a report of an auto vs. pedestrian but when we arrived we found one patient with a head injury and about 50cc of blood on the pavement but there was no car to be found and the witnesses reported never seeing a car. When we loaded up the patient and started heading to the hospital, the patient was very confused. The patient was unable to answer any of our questions regarding what had happened. In route to OHSU, the patient started coming around. We were able to ask him where he lived and what his name was. When we asked him what the last thing he could remember was, he could only account for about three hours before the accident. We completed a detailed exam and the patient had no signs of being hit by any car. When we asked him what his medical history was, he replied that he was on anti seizure medication. When the patient reported that, both the medic and I thought that the patient suffered a ground level fall due to a seizure and was postictal. When we arrived at OHSU we took another blood pressure. The reading was 190/120. Both the medic and I wrote that off as an error in the auto BP cuff. As we wheeled the patient into the ER, he suddenly stated throwing up. We again only accounted that as the winding roads up to OHSU. When I returned to the station, I was talking to the guys about what had happened when we delivered the patient and how we thought the patient was an epileptic. Oh we were wrong...

## Fire Protection Annual Report for Assessment of Outcomes 2011-2012 Attachments

We were informed the driver of the car that hit him was stopped about 500 feet down the road from the scene. The driver was so scared that he was not sure what to do and continued to hit the gas pedal when he thought he was hitting the brakes. It seems kind of scary that we presumed the patient's head injury could be less than what it really was.

Another interesting call was our trauma system entry on Sunday February 12<sup>th</sup>. The call came down as a trauma at the slaughter house. Our first thought was someone got gut with the meat processing equipment. We then heard the read back for the patient being trampled by a cow. When we arrived we found the patient on his back with a small head laceration. When we tried to talk to the patient, he seemed agitated and confused just like my previous patient who was hit by the car. We quickly loaded up the patient and decided to drive the patient instead of activating life flight on the account it was a Sunday evening and traffic should be light. The patient was transported to Emanuel with firefighter Kevin Ritchson. When he returned he gave us a status update. As with my last trauma patient, Kevin's patient also had a high BP when dropped off at the ER which gives a high suspicion for severe head trauma.

I'm glad to have finished my last term of co-op. I can now focus on my paramedic class at NCTI and complete the rest of my required general education classes. I've enjoyed the opportunity that I have received at the Cornelius Fire Department. I've met a lot of good people in this field of work and am thankful for the day I made the decision to do this. I still remember the day that I stopped by the cascade campus to get information on the fire science program. I sat down with some gentleman in the back of the hall and told him how I was an auto tech and that I was in need of a change. This guy who completely smelled of a freshly burnt down house told me almost the exact same story about how he was thirty year old auto body mechanic who quit and started being a firefighter. I had some hesitation about the program, but I completed the application on the spot and turned it in. One year and six months later I could not be happier.