Quad Set: Seated as shown. Slowly tighten the top of the thigh, trying to push the back of the knee towards the floor. You may also put a towel under the knee to provide more range of motion. Repeat on opposite leg.



- 2 Squat: Stand with your feet shoulder width apart. Hold a soccer ball or similar sized object between your knees and slowly squat down like you're about to sit in a chair. Keep your hands in front for balance. Lower as far as you can while maintaining your balance or until your thighs are parallel with the floor.
 - **Tip:** Keep your knees over your toes and your weight on your heels.



- Single Leg Balance: Slowly pick up your right foot, keeping the abdominals tight. Maintain your balance for 30-60 seconds. Repeat on opposite leg.
 - **Tip:** Stand next to a wall or chair if you need help with balance.



- **Quad Stretch:** Grasp the right foot, keeping the knee pointed toward the floor, as shown. Repeat on opposite side.
 - **Tip:** Use a wall or chair for stability as needed.
 - Tip: You may use a towel wrapped around your foot if you cannot reach your foot, or grab your pant leg.

 Tip: You should feel this stretch in the front of your thigh.



In a seated position, extend both legs in front of you. Slowly bend at the hips to reach towards the toes until you feel a mild stretch in the back of the legs. If needed, use a towel wrapped around your feet, as shown.



- IT Band Stretch: While standing, cross the right leg over the left keeping the legs straight. Slowly push the left hip away from center. Repeat on opposite side.
 - **Tip:** You should feel this stretch in your hip and outer thigh.



Exercise Guidelines:

- I. Perform IO-I5 repetitions of each exercise.
- 2. Use slow and controlled movements.
- 3. Exhale during exertion, inhale during release.
- 4. Maintain good posture and technique.
- 5. Perform exercises in an area with adequate space.
- 6. Discontinue exercise if you experience pain.
- 7. Use a support for balance as needed.

Stretching Guidelines:

- I. Hold each stretch for 20-30 seconds.
- 2. Hold stretch in a pain free range of motion.
- 3. Do not bounce, use controlled movements.
- 4. Do not hold your breath, breathe slowly.

PRECAUTIONS: This information is not intended as a substitute for the advice of a personal healthcare provider. If you have medical conditions requiring attention or which may be aggravated by physical activity, consult your healthcare provider

Industrial Rehabilitation 376-2109 or 376-9040 www.hanford.gov/amh

