



## Central Processing Technical Standards and Essential Functions

**Philosophy:** The Central Processing program exists to provide graduate Central Processing Technicians who meet national standards while satisfying the needs of the community of interest served by the program. Technical standards are a requirement meant to assist both students and program faculty in determining appropriate qualification for the program. Technical standards must meet state and federal requirements that preserve the rights of individuals with disabilities. The standards below reflect those referenced by the U.S. Department of Labor at <https://www.onetonline.org> and requirements of local job postings.

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**Purpose:** Technical standards will be utilized to identify which students will need assistance in performing tasks and to identify students who would be unable to perform the job of Central Processing Technician prior to program entry.

### Areas of Functional Ability:

- A. Gross Motor Skills
- B. Fine Motor Skills
- C. Physical Endurance
- D. Physical Strength
- E. Mobility
- F. Hearing
- G. Visual
- H. Tactile

In addition to the areas tested prior to entry, students must be able to demonstrate a variety of knowledge, psychomotor, and behavioral skills to graduate from the Central Processing Program.

### Standard Procedure:

1. All applicants will be tested.
2. Only one applicant will be tested at a time.
3. The same program faculty member(s) will conduct testing for all applicants.
4. Results of testing will be used to identify abilities of applicants but not for admission.
5. Applicants who receive a "below standard" score in any category will be referred to Disability Services for further advisement. Advising may include determination of appropriate interventions/assistive devices, assistance in determining appropriateness of the profession for the applicant, presence of disability, or other counseling as deemed necessary.

## Central Processing Functional Abilities

Category	Test
A. <u>Gross Motor Skills</u>	
1. Sit and maintain balance	Same
2. Stand and maintain balance	Stand on platform
3. Reach above shoulders	Remove trays from upper shelves
4. Reach below waist	Unplug electrical cord
B. <u>Fine Motor Skills</u>	
1. Pick up small objects with hands	Pick up small surgical instruments
2. Typing using a computer	Same
3. Twist	Disconnect and assemble equipment
C. <u>Physical Endurance</u>	
1. Walk	100 meters in 1 minute
2. Stand	Stand at counter/sink for 1-3 hrs at a time
3. Sustain repetitive motion	Handle instrumentation
D. <u>Physical Strength</u>	
1. Heavy lifting	Remove a loaded sterilizer cart
2. Repetitive lifting	Lift 30 pound instrument tray
3. Move large equipment	Push a loaded case cart
E. <u>Mobility</u>	
1. Stoop/Squat	Squat then rise to standing
2. Move quickly	Retrieve supplies from OR or CS
3. Climb	Climb flight of stairs
4. Bend	Pick up objects from floor
F. <u>Hearing</u>	
1. Hear normal speech	Repeat sentence
2. Hear without seeing lips	Repeat sentence
3. Hear auditory alarms	Identify equipment alarms
G. <u>Visual</u>	
1. See objects at 24 inches away	Read chemical safety label
2. See objects at 20 feet away	Visual alarms on machines
3. Distinguish color	Chemical/biological indicators
H. <u>Tactile</u>	
1. Detect temperature	Identify cold, hot solutions

**Central Processing Program  
CRITERIA FOR ACCEPTABILITY**

Student Name \_\_\_\_\_ Date Tested \_\_\_\_\_

A. Visual Acuity: Acceptable / Below Standard

Read chemical safety label

Ask applicant to read name, concentration, expiration date, and safety precautions at a distance of 24 inches. Inability to decipher information at this distance is below standard.

B. Fine Motor Skills: Acceptable / Below Standard

Assemble Balfour retractor

After demonstration, ask applicant to assemble a Balfour retractor. The inability to assemble the retractor is below standard.

C. Strength/Gross Motor Skills Acceptable / Below Standard

Lift instrument tray and transfer to sterilizer cart

Ask applicant to lift an instrument tray and place it on the sterilizer cart. Inability to do so is below standard.

D. Hearing: Acceptable / Below Standard

Repeats phrase correctly

Applicant is asked to turn away from interviewer; interviewer stands 10 feet from applicant. Interviewer states a common phrase used in the Central Processing department: "We need this tray back ASAP in OR 14; please flash it." Statement is made in speaking tone, neither loud nor whispering. Ability to repeat phrase is acceptable; inability to repeat is below standard. This station obviously tests ability to speak and understand the English language and could be modified for a non-English speaking individual.