Mechatronics–Level 1 Assessment

Credential Source Contact information

Source Company Name: NOCTI  
Contact: Lisa Brauher, project coordinator  
Phone: 800-334-6283  
Email: lisa.brauher@nocti.org  
Website: https://www.nocti.org

Credential Contractor

Credential Contractor: Same as source  
Contact: Same as source  
Phone: Same as source  
Email: Same as source

Test Administration

Test Site

• School: Online
• School: Paper/Pencil

Can the instructor take this test?: No

Number of Test Items: 209

Time allowed (minutes): 180

Passing score (percent): The DOE has elected to use NOCTI’s national averages as the passing score. Averages are posted in January and June and can be found on the VDOE’s Path to Industry Certification webpage.

Cost Per Test: Post-test online administration $23 each (multiple choice). Consult the pricing information for additional cost for paper/pencil, performance, etc.

Additional information:

• Visit https://www.nocti.org or https://clientservices.nocti.org for the most up-to-date information (test code, pricing, etc.).

Possible Preparatory Courses

Electronics/Industrial Robotics Technology (8547/36 weeks, 140 hours)
Industrial Robotics Technology (8558/36 weeks, 280 hours)
Mechatronics I (8554/36 weeks)
Mechatronics II (8555/36 weeks)
Mechatronics III (8556/36 weeks)

Accommodations: Students with Disabilities

Timing

Multiple test sessions .......................................................................................................................... Yes
Time of day ......................................................................................................................................... Yes
### Order of tasks

Planned breaks during test: Yes

### Setting

- Test location: Yes
- Adaptive or special furniture: Yes
- Special lighting: Yes

### Presentation

- Written directions accompanying oral directions: Yes
- Specific verbal prompts: No
- Visual aids: No
- Amplification equipment: Yes
- Headphones, earmuffs, or earplugs: Yes
- Large-print test: Yes
- Braille test: No
- Read-aloud test: Yes
- Audio test: Yes
- Interpreting/transliterating testing directions: Yes
- Interpreting/transliterating the test: Yes

### Response

- Enlarged copy of the answer document: No
- Communication board or choice cards: No
- Examiner records responses: Yes
- Brailler: No
- Word processor or word processor with speech-to-text: No
- Augmentative communication device: No
- Word prediction software: No
- Spelling aids: No
- English dictionary: No
- Dictation using a recording device: No
- Dictation to a scribe: No
- Read back student response: Yes
- Calculator and arithmetic tools: Yes
- Calculator with additional functions: No
- Math aids: No
Dry erase board ........................................................................................................................................... No
Additional writing implements .................................................................................................................. Yes

**Accommodations: English Learners**

Audio test.................................................................................................................................................. Yes
Bilingual dictionary .................................................................................................................................. No
Dictation to scribe................................................................................................................................. No
English dictionary............................................................................................................................... No
Examiner records responses .................................................................................................................. Yes
Flexible schedule.................................................................................................................................... Yes
Multiple test sessions ........................................................................................................................... Yes
Read-aloud test....................................................................................................................................... Yes
Test directions delivery .......................................................................................................................... Yes
Visual aids ............................................................................................................................................. No