

EGR 2252- Teach Pendant Robot Programming  
 Credit Type – **Articulated (AA)**



<b>Course Description and Learning Outcomes:</b>
<a href="https://www.sinclair.edu/course/params/subject/EGR/courseNo/2252/">https://www.sinclair.edu/course/params/subject/EGR/courseNo/2252/</a>
<b>Faculty Pathway Specialist(s)</b> (Please include name, email):
Patrick Piper; <a href="mailto:patrick.piper@sinclair.edu">patrick.piper@sinclair.edu</a> <i>Note: Previous FPS, John Pax has retired</i>
<b>What credential(s) is/are required to earn this credit?</b>
Proof of passing WebXam Score Required for Credit- ODE Course: Industrial Robotics, Subject Code: 176025
<b>What credentialing body(ies) should be used?</b>
Option: FANUC “Handling Tool Level 1” if available. (Note: requires instructor training and certification, extra exam fees for students)
<b>What documentation is required to earn the credit?</b>
Proof of passing WebXam score (see above).
<b>Resources Needed to Offer Course</b> (software, equipment, books [include ISBN and edition], etc. – please include any associated costs):
Software Option: RoboGuide software. <b>Teach/Pendant industrial robot.</b>
<b>Additional course details or requirements important for instructors not covered above:</b>
Hands on Teach Pendant programming a “must” on industrial robotic platform. FANUC preferred.
<b>Most common (or popular) degrees this course is in?</b>
Automation & Control Technology with Robotics (AMCT.S.AAS) Internet of Things Cyber Technician (CETT.S.AAS) Integrated Systems Technician (IST.S.BAS)