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

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