## <u>Vance-Granville Community College Career & College Promise</u> <u>Mechatronics Robotics and Machine Design Certificate (C40350C) Checklist</u>

| COURSE          | TITLE                   | CREDIT HRS. | PREREQUISITES |
|-----------------|-------------------------|-------------|---------------|
| ☐ ELC 131       | Circuit Analysis I      | (4 SHC)     |               |
| ☐ HYD 110       | Hydraulics/Pneumatics I | (3 SHC)     |               |
| ☐ ISC 112       | Industrial Safety       | (2 SHC)     |               |
| ☐ DFT 154       | Into. To Solid Modeling | (3 SHC)     |               |
| ☐ ATR 112       | Intro. to Automation    | (3 SHC)     |               |
| ☐ MEC 130       | Mechanisms              | (3 SHC)     |               |
| 6 Total Courses |                         | 18 SHC      |               |

Note: This program will require in-person course attendance for some classes on the South Campus.

