Critical Advisement Information: Mechatronics Technical Certificate

1. Take the 4 designated classes for the Technical Certificate.

 MECH 1100 – Basic Electronics.

 MECH 1200 – Mechanical Devices.

MECH 1300 – Fluid Power.

MECH 1500 – Intro to PLCs.

1. Good math aptitude, algebra, graphs + trig

 Although not required, a good background in Science w/physics

1. For Level II, general Associates degree requirements

 Suggest 1610 finite or better as math, statistics might be OK

1. Student should be aware of schedule of 2nd yr classes so as not to have to wait a year to graduate.
2. Have a conversation with the student about the connection between their degree choice and ultimate career choice.
3. Help students understand resources to support student success available through Nashville State.

<https://www.nscc.edu/current-students/on-campus-resources>

1. Have a conversation with the student about how their course work will help them reach their academic goals (i.e., coursework [writing assignments, speeches, presentations, collaborative assignments, exams, discussions, readings, research, etc.] helps improve reading, writing, critical thinking, communication, interpersonal, and time management skills)
2. Have a conversation with the student about how their educational experience at NSCC has contributed to their personal growth.
3. Make sure they are aware of the Advising Sheets and Career Outcomes tools. You can email them any of the tools during or after the advisement session.