

## **CAREER AND TECHNICAL EDUCATION CERTIFICATE**

Licensure Requirement Details

### **MACHINE SHOP #4161**

*Prepared by the Office Career and Technical Education*

The New Jersey Department of Education no longer offers the Machine Shop Career and Technical Education Certificate, Endorsement #4100. New applicants are encouraged to apply for the Computer Integrated Manufacturing Systems Endorsement #4166 instead.

Teachers holding an existing the Computer Integrated Manufacturing Systems Endorsement #4166 are authorized to teach the following career and technical education courses, programs, and programs of study:

- *Computer Numerically Controlled (CNC) Machinist Technology/CNC Machinist, CIP Code # 480510*
- *Industrial Mechanics and Maintenance Technology, CIP Code # 47.0303*
- *Industrial Technology / Technician, CIP Code # 15.0612*
- *Instrumentation Technology/Technician, CIP Code # 15.0404*
- *Machine Shop Technology/Assistant, CIP Code #48.0503*
- *Machine Tool Technology/Machinist, CIP Code #48.0501*
- *Manufacturing Engineering Technology/Technician, CIP Code # 15.0613*
- *Mechanical Engineering/Mechanical Technology/Technician, CIP Code #15.0805*
- *Metal Fabricator, CIP Code #48.0511*
- *Metallurgical Technology/Technician, CIP Code #15.0611*
- *Nuclear Engineering Technology/Technician, CIP Code #15.1401\*
- *Nuclear/Nuclear Power Technology/Technician, CIP Code # 41.0205*
- *Plastics and Polymer Engineering Technology/Technician, CIP Code # 15.0607*
- *Tool and Die Technology/Technician, CIP Code # 15.0702*