MANUFACTURING

STACKABLE CREDENTIALS: In 2015, the average manufacturing worker earned \$79,553 annually, including pay and benefits. Manufacturing accounts for nine percent of the workforce. Manufacturers report a moderate to serious shortage of qualified applicants for skilled and highly PH.D. OR skilled production positions. **MASTER'S** Utah manufacturing includes the following sectors: food **DEGREE** manufacturing, natural products, outdoor products, en-**DEVELOPMENT** ergy-petroleum, coal, natural gas, chemical, composites 4 **POSITIONS** and advanced materials, aerospace, fabricated metal, **BACHELOR'S** computer/electronics, and pharmaceuticals. **Research and Design Engineer** DEGREE **Executive MANAGEMENT** Director **POSITIONS** Manufacturing **Senior Manager ASSOCIATE Engineer**-**Certified Public Product Design DEGREE** Accountant **Biomedical Engineer Applied** Associate of **Materials Engineer** Science (AAS) **Electrical Engineer** or Associate of CREDENTIAL Science (AS) Aerospace Engineer Certificate. **Human Resources Plastics/Injection** License, or Manager **Molding Technician Permit** (Medical Devices) **Logistics, Supply Chain Manager CNC Machinist** Machine Operator Production and Oper-HIGH SCHOOL CAD Technician— **Quality Assurance** ations Manager **DIPLOMA** 3D Printing/ Technician **Prototyping** Hand Packer— Welder **Packaging** Tool/Die Maker Warehouse Worker **Automation Techni**cian—Robotics Maintenance **Specialist Composites Techni**cian—Aerospace/ General CAREER ADVANCEMENT **Outdoor Products** Assembly/ **Production CAREER DEVELOPMENT** Worker **SKILL SET ENHANCEMENT ENTRY-LEVEL EMPLOYMENT**

