INTRO TO MANUFACTURING (CA)(PLAN CODE: MATIMC20)

Academic Plans, known as programs, include an overview description and a summary of program requirements. You can search the online catalog via the Academic Plan links on the right for a desired program or a specific course information.

Code	Title	Credits/ Units
Major Area Requirements		
PTWR 135	Introduction to Applied Technical Writing	5
MATH 103	College Trigonometry	5
AM 101	Advanced Manufacturing Career Exploration	5
AM 102	OSHA 10 Safety	1
AM 105	Welding, Cutting & Fabrication Processes	6
AM 108	Blueprint and Schematic Reading	5
AM 110	Manual Manufacturing I	3
HLTH 120	Adult CPR and First Aid	1
AM 130	Intro to SolidWorks	5
Total Credits/Units		**36**

Program Outcomes

Program outcomes are overarching skills that are emphasized and reinforced throughout several courses in a specific program; they are measurable statements that define what students should know or be able to do by the end of a certificate or degree at Clark College. After successful completion of this program, students will be able to:

- Function effectively as a member of a professional team in an advanced manufacturing environment.
- Apply Standard Operating Procedures (SOP) to safely operate manufacturing tools and equipment.
- Apply Computer Aided Drafting (CAD), Computer Aided Machining (CAM), Geometric Dimensioning Tolerance (GDT), mathematic principles, precision measurement, and Quality Assurance (QA) methods when producing manufacturing assemblies.

Program maps are a suggested academic plan and should not be used in the place of regular academic advising appointments. Your student entry method, placement, course availability, and program requirements are subject to change and transfer credit(s)/unit(s) may change your map/plan. To view the current suggested map for your program please visit our website https://programmap.clark.edu/academics (https://programmap.clark.edu/academics/)