

Local Machine Shops

(last updated: 3/4/21)

The following local shops provide contract manufacturing services. Included for each are a few notes about the type of work they prefer and the expected turnout time on typical jobs. Our honest opinion for each vendor is also noted, based on feedback from former students which have used them. We suggest you always obtain at least two quotations. There are a lot of manufacturing shops in Florida and if you let the shops know you are getting multiple quotes and have to go with the cheapest, they will usually provide better pricing than if they think you are only getting one quotation. If you have a good experience with a particular shop, please let us know so we can add them to the list or begin providing feedback ratings to help others pick the best shops with which to do business.

Eldorado Machine & Tool

2224 SW 43rd Pl., Gainesville, FL 32608

Contact: Cameron eldoradomachineandtool@gmail.com

Notes: Former UF students who started a local manufacturing business. They can provide design assistance, design reviews, and help with part drawings. And they perform manual and CNC milling and turning work, as well as sheetmetal fabrication, laser cutting, anodizing, and powder coating services. They provide quick quoting and accept credit cards for payment. There is about a week turnaround time on an 8-hour part, but they can rush parts if necessary. They do a lot of prototype work but do small batch (50-500) part runs as well. They can read almost all CAD files but prefer pdf, SolidWorks, Fusion, dwg, or step files. They are also comfortable with clearly drawn hand sketches for quotations. **Rating: 5 out of 5 stars.**

Barton Engineering Solutions

1120 South Division Ave, Orlando, FL 32805

Contact: Tim // (407) 443-0076 // tim@bartonengineeringsolutions.com

Notes: Former UF students who started contracting design and manufacturing services to Disney. They can perform 3, 4, and 5-axis CNC milling, 2-axis turning, certified welding (aluminum, carbon steel, stainless steel), as well as abrasive waterjet and laser cutting, powder coating, and anodizing. They can also perform full project builds with any desired documentation. They accept credit cards for payment. There is a one to two-week turnaround time on an 8 hour part, but they can rush a part if necessary. They do a lot of prototype work but do small batch (50-500) part runs as well. They can read almost all CAD files but prefer pdf and SolidWorks files. **Rating: 5 out of 5 stars.**

Manufacturing Tooling & Engineering Inc. (MTE Inc.)

8930 NW 13th St, Gainesville, FL 32653

Contact: Paul (info@mtetooling.com) // (352) 371-3898 // www.mtetooling.com

Notes: They can perform milling, turning, surface grinding, and EDM. There is about a two-week turnaround time on an 8-hour part. They can read most CAD files but prefer pdf and dwg. They are also comfortable with clearly drawn hand sketches for quotations. **Rating: 4 out of 5 stars.**

Karob Instrument Company

Address: 1644 NE 22nd Avenue Ocala FL

Contact: Robert (Robert@karobmfg.com) // (352) 732-2414 // www.karobmfg.com

Notes: They prefer larger quantity (batch) CNC work. Typical turnaround on an 8-hr part is 2-3 weeks. They use Catia CAD and can work off hand drawings or AutoCAD (dwg) files. Since their focus is precision instrumentation, their prices are usually on the high side for simple parts. **Rating: 3.5 out of 5 stars.**

Liddy's Machine Shop, Inc.

Address: 825 Dora St, Jacksonville, FL 32204

Contact: Douglas (info@LiddysMachineShop.com) // (904) 354-0795 // www.LiddysMachineShop.com

Notes: They can do milling, turning, and grinding. Can rush a part, but typical turnaround time for an 8-hour part is 2-3 weeks. Could work off a hand drawing, pdf, and can open most CAD files. **Rating: 3 out of 5 stars.**

Rafferty Machine & Tool

2722 NW 74th Pl, Gainesville, FL 32653

Contact: sales@raffertytool.com // (352) 373-8486

Notes: Their focus is on high-end medical work for customers like Shands, and they have been pretty expensive and provided poor customer service the last few times we've sent anyone there. We aren't saying this to speak ill of any local vendors, but to warn you if you deal with them. **Rating: 3 out of 5 stars.**

NOTE: document authored based on feedback from dozens of UF students who have used the companies listed above