

## Advanced Metal Casting MSE 461, Fall 2023 Dr. Kyle Metzloff - Instructor



Engineering students interested in structural materials, manufacturing processes, and materials processing should consider taking “Advanced Metal Casting” this fall! This class is so hot its cool!!

This class covers:

- Many casting processes
- Iron, aluminum, & copper based alloys
- Part and mold design
- Hands-on casting projects

...and how all these influence microstructure and strength!

### Details...

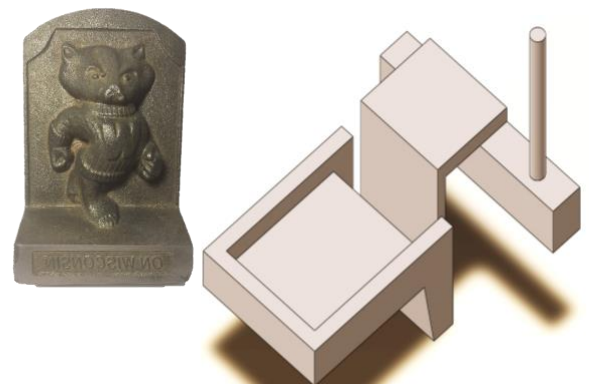
Prerequisites: MS&E 350 or MS&E 352

Lecture: Friday 1:20-3:20pm

Lab: Friday 3:30-7:30pm

Tours of local foundries, networking opportunities with Midwest businesses, take-home castings, hands-on class!

If you do not have the above prerequisites, contact Prof. Metzloff by text at 608-345-5953 or [metzloff@wisc.edu](mailto:metzloff@wisc.edu) and see if you might qualify to join us.



Bucky Badger Bookend Casting

“This class was my favorite class...” Said some student in my last class.  
“I actually made this!” Said another student in disbelief about their cool iron casting.