

Metallurgy (Forth Edition) by B.J. Moniz

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The beginning of each chapter has a small summary of what is covered. It might not hurt to read all of those to start with.

I would then go to the atomic structure of metals. That would be chapters 1, 4, and 7.

Chapter 9 gives you useful information for field identifying all types of metals. Definitely handy when working with found materials.

Then reviewing the chapters on steel (11-17) and aluminum (20) are good. I would concentrate on the metals that you are working with or interested in learning about.