

MAT 201 — Computer Science I, Fall 2005

Handout #1 - Tuesday, August 29, 2005

1. Flow Charts - in class notes
2. Compilation: Source, executable
3. Identifiers (page 7), reserved words and keywords (page 8)
4. Variable types: int, float, double, char, bool, string (page 8)
5. Declaring a variable (page 8)
6. **Good Programming Practice:** meaningful names (page 13)
7. Assignment (page 11)
8. **Pitfalls:** uninitialized variables (page 12)
9. Assignment compatibility (implicit type cast)
10. Explicit type cast (page 23)
11. Integer vs. Floating-point Division (page 21)
12. **Pitfalls:** Integer Division (page 22)
13. Comments, single line and multi line (page 35)
14. console out and console in (cout, cin) (page 28–34)
15. **Assigned Reading:** Chapter 1