

INTRO TO PROGRAMMING

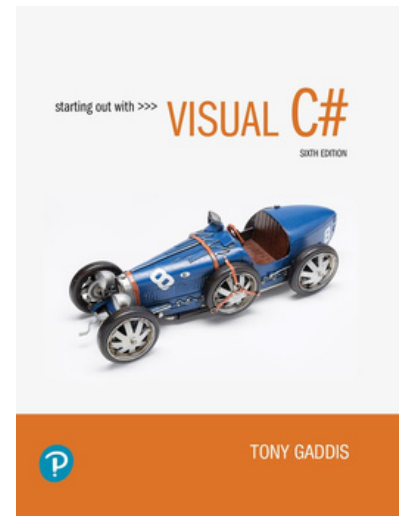
YEAR 2024-2025

COURSE DESCRIPTION:

This course introduces students to the fundamental concepts and terminology of computer programming. Emphasis will be placed on developing problem-solving skills in designing and writing simple computer programs. The course covers such topics as developing flowcharts, algorithms and pseudocode, and introduces students to variables, operators, conditional statements, looping statements, data structures, error-handling and debugging, and user interface design. The course assumes no programming background. Students who complete this course with 73% or better may receive dual-credit from RIT.

Topics:

- Overview of languages
- Software development process
- Variables, Data, Input, and Output
- Operators and Expressions
- Decisions (Control Structures)
- Graphics User Interface
- And more!



CONTACT INFORMATION

Michelle Clark

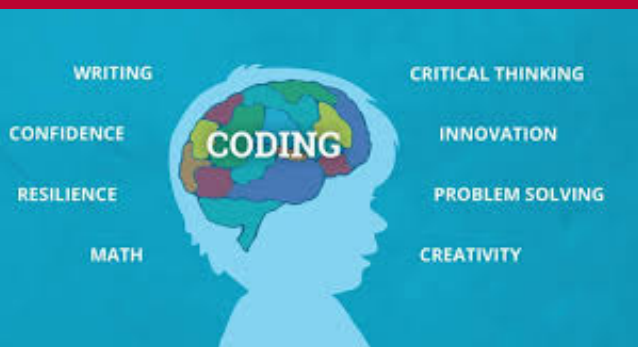
michelle.clark@cdhl.wa.gov
(360) 553-4623(VP)
Room: Devine 231

MATERIALS NEEDED:

- Chromebook (WSD will provide)
- PC computer with Microsoft Visual Studio (WSD will provide)
- a spiral notebook for notes
- Great attitude and motivation!

CURRICULUM MATERIALS:

- Starting Out with Visual C#, 6th Edition
- Microsoft Visual Studio



GRADING:

Quarterly grades will be determined as follows:




- Participation: 20%
- Labs/Homework: 50%
- Quizzes: 10%
- Tests: 20%

“Any fool can write code that a computer can understand. Good programmers write code that humans can understand.” – Martin Fowler, Refactoring

Welcome Back!

Artificial Intelligence (AI) Guidelines

- Teachers may use these AI levels, shown below, to communicate their expectations for students' use of AI to complete various creative assignments in and out of the classroom.
- If a teacher has yet to specifically indicate whether generative AI is recommended or permitted for an assignment, students should ask before using generative AI.
- When generative AI is recommended or permitted, **students should rely on their classroom teacher for further guidance on the extent to which they may use it in the context of the specific assignment.**

 <p>AI Recommended</p>	 <p>AI Permitted</p>	 <p>AI Restricted</p>
<p>Generative AI is recommended for use in completing this assignment or project. Students are encouraged to explore AI tools and techniques to enhance their work. Properly cite any AI-generated work products.</p>	<p>Generative AI is permitted but not required for completing this assignment or project. Students can choose to use AI tools and techniques if they believe it will improve their work. Properly cite any AI-generated work products.</p>	<p>Generative AI use in completing this assignment or project is restricted. Students are expected to complete the work using only their own knowledge and skills.</p>

ONLY
\$124/
PERSON

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