CPTR2235 - Comparative Languages

Credits:	3 (2/1/0)
Description:	This course is an exercise in algorithmic problem solving when applied to contrasting computer languages. The goal is to develop an understanding of the strengths and weaknesses of various computer languages when creating solutions to different problems. Using a mixed language method is explored to address more complex problem domains.
Prerequisites:	• CPTR1001
Corequisites:	
Pre/Corequisites*:	
Competencies:	1. Develop solutions in each of the categories of computer languages. 2. Develop a solution in several computer languages. 3. Develop a basic understanding of each computer language studied. 4. Design multiple solutions for the same software requirement. 5. Compare and contrast computer languages with regard to problem domain and solution range. 6. Realize algorithmic differences between target computer languages. 7. Determine an estimate of long-term feasibility of implementations. 8. Reinforce prior computer language learning by understanding new ways of developing solutions to problems. 9. Demonstrate the efficient use of resources (time, talent and money) when developing solutions to business problems.
MnTC goal areas:	None

**Can be taking as a Prerequisite or Corequisite.*

© 2026 Minnesota State Community and Technical College.
We reserve the right to periodically update information without notice.
The information in this publication should not be regarded as contractual in nature.