DEPT. CST  COURSE NUMBER: 1101

NUMBER OF CREDITS: 2 Lecture: 1 Lab: 1 OJT: 0

Course Title:
IT Exploration

Catalog Description:
IT Exploration investigations will gain prerequisite knowledge necessary for a career in the field of information technology. Students will be exposed to opportunities and skills needed for a career in Information Technology. Concepts covered include current business software, internet research, data security concepts, virtualization, computer programming, networking and social media.

Prerequisites or Necessary Entry Skills/Knowledge:
None

FULFILLS MN TRANSFER CURRICULUM AREA(S) (Leave blank if not applicable)
☐ Goal 1: Communication: By meeting the following competencies:
☐ Goal 2: Critical Thinking: By meeting the following competencies:
☐ Goal 3: Natural Sciences: By meeting the following competencies:
☐ Goal 4: Mathematics/Logical Reasoning: By meeting the following competencies:
☐ Goal 5: History and the Social and Behavioral Sciences: By meeting the following competencies:
☐ Goal 6: The Humanities and Fine Arts: By meeting the following competencies:
☐ Goal 7: Human Diversity: By meeting the following competencies:
☐ Goal 8: Global Perspective: By meeting the following competencies:
☐ Goal 9: Ethical and Civic Responsibility: By meeting the following competencies:
☐ Goal 10: People and the Environment: By meeting the following competencies:

Topics to be Covered
Office Productivity
Digital Media
Operating Systems
PC Hardware & Software
Networks & the Internet
Programming & Game Design
Data Analysis
**Student Learning Outcomes**

| Identify uses for technology in the modern world. |
| Explore career opportunities in information technology. |
| Describe and identify the characteristics of valid internet resources for research and answers to technology issues. |
| Describe operating system functions |
| Modify and update settings |
| Demonstrate the use of word processing and spreadsheet software. |
| Identify security best practices when using social media and internet resources. |
| Describe how files are organized in a hierarchical structure on the personal computer. |

**Is this course part of a transfer pathway:** Yes ☐  No ☒

*If yes, please list the competencies below*

Revised Date: 4/29/22