

# General Education Course Submission Form

Use this form to add, change, or revise a General Education course.

Your email address ([joshua.webster@gbcnv.edu](mailto:joshua.webster@gbcnv.edu)) will be recorded when you submit this form. Not [joshua.webster](#)? [Sign out](#)

\* Required

1. **Name: Bret Murphy \***

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2. **Phone number: 775 753-2217 \***

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3. **Course prefix, number, and name MTT 100  
Measurement for Machinists \***

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4. **Which of the following General Education Outcomes does this class meet? \***

*Mark only one oval.*

- Communications and Expression: Written Communications
- Communications and Expression: Oral Communications
- Communications and Expression: Evidence-Based Communications
- Communications and Expression: Fine Arts
- Logical and Scientific Reasoning: Mathematical Reasoning
- Logical and Scientific Reasoning: Scientific Reasoning
- Logical and Scientific Reasoning: Scientific Data Interpretation and Generation
- Human Societies and Experience: Structures of Societies
- Human Societies and Experience: American Constitutions and Institutions
- Human Societies and Experience: Humanities
- Technological Proficiency

## Communications and Expression: Written Communications

Provide written substantiation of how this class meets each of the following objectives.

5. **Utilize written genres appropriate to task \***

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**6. Express ideas clearly and compellingly in text \***

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**7. Effectively identify and address various audiences and contexts \***

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*Skip to question 39.*

**Communications and Expression: Oral Communications**

Provide written substantiation of how this class meets each of the following objectives.

**8. Organize oral presentations appropriate to context and audience \***

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**9. Deliver compelling and clear oral communications \***

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**10. Demonstrate an understanding of interpersonal communications in a variety of contexts \***

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*Skip to question 39.*

# Communications and Expression: Evidence-Based Communications

Provide written substantiation of how this class meets each of the following objectives.

**11. Correctly interpret and analyze source materials and readings \***

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**12. Determine source appropriateness/credibility according to context \***

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**13. Effectively incorporate and cite sourced material in communications \***

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*Skip to question 39.*

# Communications and Expression: Fine Arts

Provide written substantiation of how this class meets each of the following objectives.

**14. Demonstrate proficiency in the understanding of basic fine arts concepts and language \***

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**15. Demonstrate the effective use and application of artistic tools and processes \***

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**16. Demonstrate the ability to engage in the creative process as it applies to the subject \***

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*Skip to question 39.*

**Logical and Scientific Reasoning: Mathematical Reasoning**

Provide written substantiation of how this class meets each of the following objectives.

**17. Demonstrate knowledge of mathematical notation and concepts \***

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**18. Apply mathematical concepts and operations in proper written or graphical format \***

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**19. Apply relevant mathematical skills in solving real world problems \***

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*Skip to question 39.*

## Logical and Scientific Reasoning: Scientific Reasoning

Provide written substantiation of how this class meets each of the following objectives.

20. **Demonstrate an understanding of the scientific methodologies used in various disciplines \***

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21. **Effectively interpret and apply scientific principles and concepts \***

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22. **Apply scientific reasoning to the evaluation, analysis or interpretation of models and theories developed in the sciences \***

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*Skip to question 39.*

## Logical and Scientific Reasoning: Scientific Data Interpretation and Generation

Provide written substantiation of how this class meets each of the following objectives.

23. **Effectively apply mathematical principles and quantitative methods to collect and analyze scientific data \***

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**24. Utilize the scientific method to arrive at informed conclusions \***

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*Skip to question 39.*

**Human Societies and Experience: Structure of Society**

Provide written substantiation of how this class meets each of the following objectives.

**25. Demonstrate understanding of the processes that influence human behavior and structure of society \***

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**26. Demonstrate understanding of the processes that influence social stratification and/or inequality \***

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**27. Demonstrate understanding of the methodologies used to study human social systems \***

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*Skip to question 39.*

**Human Societies and Experience: American Constitutions and Institutions**

Provide written substantiation of how this class meets each of the following objectives.

**28. Demonstrate an understanding of American constitutions and institutions and their development \***

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**29. Demonstrate understanding of processes of social stratification and inequality in American society \***

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**30. Demonstrate knowledge of the methods used to study American society \***

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*Skip to question 39.*

## **Human Societies and Experience: Humanities**

Provide written substantiation of how this class meets each of the following objectives.

**31. Demonstrate an understanding of the consequences of human actions in social and environmental contexts, and an ability to consider the ethical and practical implications of those actions \***

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**32. Demonstrate an ability to recognize the importance of creative human expression \***

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**33. Demonstrate an ability to recognize and respect the rights of the individual and to appreciate the complexity and variety of divergent attitudes, values and beliefs in society \***

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**34. Demonstrate an understanding of the cultural and historical heritage of contemporary society and the implications of this heritage \***

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*Skip to question 39.*

### **Technological Proficiency**

Provide written substantiation of how this class meets each of the following objectives.

**35. Analyze a problem and identify and define the technology requirements appropriate to its solution: This course provides students with real world problems they would encounter and have to overcome in the Manufacturing Machining trade. Students are taught to use measuring devises as tools to interpret machined and non-machine components. The measuring devises are very precise and come in many high tech forms. Students will be introduces to manual hand held measuring tools and graduate to electronic controlled devices that are fully automated. \***

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36. Analyze a problem and identify and define the technology requirements appropriate to its solution: Students are taught the ramification of erroneous measurement and the impact this would have on their success and their employer’s success. Components of the course will discuss the ethical, legal, and social responsibility as related to the Manufacturing Machining field. \*

Mark only one oval.

Option 1

37. Describe professional, ethical, legal, security and social issues and responsibilities for technology users \*

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38. Develop skills to continuously learn fundamentals of existing and new technology: This course will engage students to constantly peruse the latest technologies as related to the Manufacturing Machining field. As funding permits the latest technologies will be introduced in this course, but more over students will be encouraged to seek out the latest technologies in this field. \*

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## Notifications and Notes

39. Which departments and Deans have you notified? CTE Department & Dean of Business and Technology \*

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40. Signatures?? Bret Murphy

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**41. Additional Notes**

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A copy of your responses will be emailed to [joshua.webster@gbcnv.edu](mailto:joshua.webster@gbcnv.edu)

