



9176

EXPLORATION OF  
CABINETMAKING (9)

15S/15E/15M

10S/10E/10M

A Cabinet and Furniture Making Course



# 9176: EXPLORATION OF CABINETMAKING (9) 15S/15E/15M AND 10S/10E/10M

## Course Description

This optional course allows students to explore cabinetmaking. It can be offered as either a half credit or a full credit.

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**Goal 1:** Describe and apply **health and safety** practices.

**GLO 1.1:** Describe and apply **health and safety** practices.

SLO 9.1.1.1: Describe and apply health and safety practices.

SLO 9.1.1.2: Create and maintain a safe and organized working environment.

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**Goal 2:** Demonstrate an understanding of the characteristics of **materials**.

**GLO 2.1:** Demonstrate an understanding of the characteristics of **materials**.

No applicable SLOs.

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**Goal 3:** Demonstrate the storage, selection, use, and management of **materials, fasteners, adhesives, and hardware**.

**GLO 3.1:** Demonstrate the storage, selection, use, and management of **materials**.

SLO 9.3.1.1: Demonstrate the storage, selection, use, and management of materials.

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**GLO 3.2:** Demonstrate the storage, selection, use, and management of **fasteners**.

No applicable SLOs.

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**GLO 3.3:** Demonstrate the storage, selection, use, and management of **adhesives**.

No applicable SLOs.

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**GLO 3.4:** Demonstrate the storage, selection, use, and management of **hardware**.

No applicable SLOs.

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**Goal 4:** Demonstrate the identification, selection, operation, and maintenance of **tools and equipment**.

**GLO 4.1:** Demonstrate the identification, selection, operation, and maintenance of **tools and equipment**.

No applicable SLOs.

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**Goal 5:** Demonstrate the ability to interpret **blueprints** and to produce **drawings and layouts**.

**GLO 5.1:** Demonstrate the ability to interpret **blueprints** and to produce **drawings and layouts**.

SLO 9.5.1.1: Demonstrate the ability to create a freehand sketch.

SLO 9.5.1.2: Demonstrate the ability to create a list of materials from own sketch.

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**Goal 6:** Demonstrate knowledge and skills related to **joinery and casework**.

**GLO 6.1:** Demonstrate knowledge and skills related to **joinery and casework**.

SLO 9.6.1.1: Demonstrate an awareness of basic joints used in casework.

SLO 9.6.1.2: Demonstrate the ability to cut basic joints using hand tools.

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**Goal 7:** Demonstrate knowledge and skills related to **finishing**.

**GLO 7.1:** Demonstrate knowledge and skills related to **finishing**.

No applicable SLOs.

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**Goal 8:** Demonstrate knowledge and skills related to **installation**.

**GLO 8.1:** Demonstrate knowledge and skills related to **installation**.

No applicable SLOs.

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**Goal 9:** Describe and apply transferable **cross-curricular knowledge and skills** as they relate to cabinet and furniture making.

**GLO 9.1:** Demonstrate knowledge and skills from **mathematics** as they relate to cabinet and furniture making.

No applicable SLOs.

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**GLO 9.2:** Demonstrate knowledge and skills from **information and communication technology** as they relate to cabinet and furniture making.

No applicable SLOs.

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**Goal 10:** Follow the **ethical and legal standards** that pertain to cabinet and furniture making.

**GLO 10.1:** Demonstrate an awareness of the **ethical and legal expectations** of cabinet and furniture makers.

No applicable SLOs.

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**Goal 11:** Demonstrate **employability skills**.

**GLO 11.1:** Demonstrate fundamental **employability skills**.

SLO 9.11.1.1: Demonstrate regular attendance and punctuality.

SLO 9.11.1.2: Demonstrate accountability by taking responsibility for own actions.

SLO 9.11.1.3: Demonstrate adaptability and effort.

SLO 9.11.1.4: Demonstrate the ability to accept and follow direction and feedback.

SLO 9.11.1.5: Demonstrate teamwork skills.

SLO 9.11.1.6: Demonstrate the ability to stay on task and to use time effectively.

SLO 9.11.1.7: Demonstrate the responsible use of electronic devices.

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**GLO 11.2:** Demonstrate **critical thinking skills**.

SLO 9.11.2.1: Demonstrate problem-solving skills.

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**GLO 11.3:** Demonstrate respectful interactions with individuals of different **cultures**.

No applicable SLOs.

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**Goal 12:** Demonstrate an awareness of **sustainability** as it pertains to cabinet and furniture making.

**GLO 12.1:** Describe the cabinet and furniture making industry's **sustainability practices** and their impact on the **environment**.

SLO 9.12.1.1: Demonstrate an awareness of wood and wood products as limited resources.

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**Goal 13:** Demonstrate an understanding of the **structure and scope** of cabinet and furniture making, including **education and career opportunities** and **working environments**.

**GLO 13.1:** Describe the **scope** of cabinet and furniture making.

No applicable SLOs.

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**GLO 13.2:** Describe **apprenticeship, education, and employment opportunities** and **working environments** in cabinet and furniture making.

No applicable SLOs.

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**Goal 14:** Demonstrate an understanding of the **evolution** of cabinet and furniture making, including its **technological progression and emerging trends**.

**GLO 14.1:** Demonstrate an understanding of the **evolution** of cabinet and furniture making, including its **technological progression and emerging trends**.

No applicable SLOs.

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