



Western Technical College

## 10531931 Paramedic Portfolio 1

### Course Outcome Summary

#### Course Information

<b>Description</b>	This course provides the student with the opportunity to enhance his or her learning through the practice of paramedicine in simulation or in the health care environment. The experiences will be in simulation or with actual patients under the supervision of instructors or approved preceptors. Students will also participate in formal high-fidelity human patient simulator experiences and assessment as a part of this course.
<b>Career Cluster</b>	Law, Public Safety, Corrections and Security
<b>Instructional Level</b>	A.A.S. - Associate in Applied Science
<b>Total Credits</b>	2
<b>Total Hours</b>	108

#### Textbooks

No textbook required.

#### Learner Supplies

Program Clothing. **Vendor:** To be discussed in class. Required.

Trauma Shears - \$2-5. **Vendor:** To be discussed in class. Required.

Stethoscope - \$25-\$200. **Vendor:** To be discussed in class. Required.

Watch with second hand or timer \$25-\$50. **Vendor:** To be discussed in class. Required.

Penlight - \$5. **Vendor:** To be discussed in class. Required.

## Success Abilities

1. Cultivate Passion: Expand a Growth-Mindset
2. Refine Professionalism: Act Ethically
3. Refine Professionalism: Improve Critical Thinking
4. Refine Professionalism: Participate Collaboratively
5. Refine Professionalism: Practice Effective Communication

## Program Outcomes

1. Demonstrate paramedic skills associated with established standards and procedures for a variety of patient encounters
2. Demonstrate professional behavior
3. Meet state and national competencies listed for paramedic certification(s)

## Course Competencies

### 1. Prepare for incident response and EMS operations

#### Assessment Strategies

- 1.1. Skill Demonstration

#### Criteria

*You will know when you are successful when:*

- 1.1. you plan for emergencies and the delivery of paramedic services
- 1.2. you demonstrate use of personal protective equipment
- 1.3. you protect self and others from blood borne pathogens
- 1.4. you coordinate scene safety
- 1.5. you apply National Incident Management System standards
- 1.6. you maintain EMS vehicles and equipment
- 1.7. you comply with weapons of mass destruction (WMD) requirements
- 1.8. you prepare for the treatment of patients exposed to hazardous materials you utilize a triage system for mitigating multiple casualty incidents

#### Learning Objectives

- 1.a. Plan for emergencies and the delivery of paramedic services.
- 1.b. Demonstrate empathy with patients.
- 1.c. Work effectively in a team with diplomacy.
- 1.d. Exhibit respect in diverse settings.
- 1.e. Serve as a patient advocate.
- 1.f. Practice ethical behavior.
- 1.g. Deliver careful service.
- 1.h. Demonstrate confidentiality.
- 1.i. Manage patient care given various patient presentations and complaints.
- 1.j. Apply vascular access procedures.
- 1.k. Demonstrate proficiency in calculating drug dosages.
- 1.l. Apply appropriate use of pharmacology.
- 1.m. Administer medications.
- 1.n. Apply airway management procedures (refer to Wisconsin paramedic scope of practice).
- 1.o. Utilize proper mechanics when lifting and moving patients in both emergency and non-emergency

situations.

- 1.p. Use patient movement equipment.
- 1.q. Practice paramedicine within legal boundaries/requirements.
- 1.r. Demonstrate proper completion of a typical patient care report.
- 1.s. Communicate effectively with other EMS providers, dispatch, medical control, receiving facilities, and other healthcare providers.
- 1.t. Use electronic resources and information technology (i.e. WARDS).
- 1.u. Demonstrate HIPAA compliance.
- 1.v. Maintain EMS vehicles and equipment.
- 1.w. Prepare for the treatment of patients exposed to hazardous materials.
- 1.x. Apply National Incident Management System (NIMS) standards.
- 1.y. Demonstrate use of personal protective equipment.
- 1.z. Protect self and others from blood borne pathogens and infectious diseases.
- 1.aa. Address scene hazards.
- 1.bb. Protect self from on-scene violence.
- 1.cc. Coordinate scene safety.
- 1.dd. Utilize a triage system for mitigating multiple casualty incidents.
- 1.ee. Demonstrate an understanding of basic patient needs.
- 1.ff. Demonstrate appropriate primary survey/assessment of a patient.
- 1.gg. Formulate field impression(s).
- 1.hh. Formulate a working diagnosis.
- 1.ii. Integrate treatment or procedures necessary to preserve life when performing a primary survey/assessment of a patient.
- 1.jj. Formulate patient treatment plan(s).
- 1.kk. Implement patient treatment plan(s).
- 1.ll. Develop rapport with the patient.
- 1.mm. Adjust communication strategies based on the situation.
- 1.nn. Select vocabulary appropriate to the audience.
- 1.oo. Demonstrate an appropriate secondary assessment/survey of a patient.
- 1.pp. Obtain vital signs.
- 1.qq. Identify cardiac arrhythmias.
- 1.rr. Apply ECG procedures.
- 1.ss. Apply electrical therapy.
- 1.tt. Apply "mechanical" (non-electrical) cardiovascular interventions.
- 1.uu. Re-evaluate the effectiveness of treatment plan(s).
- 1.vv. Modify treatment plan(s) as necessary based upon re-evaluation.

## **2. Integrate pathophysiological principles and assessment findings to provide appropriate patient care.**

### **Assessment Strategies**

- 2.1. Skill Demonstration

### **Criteria**

*You will know when you are successful when:*

- 2.1. you apply appropriate use of pharmacology
- 2.2. you demonstrate an understanding of basic patient needs
- 2.3. you demonstrate appropriate patient assessments
- 2.4. you formulate field impressions
- 2.5. you formulate a working diagnosis
- 2.6. you formulate patient treatment plans
- 2.7. you implement patient treatment plans you re-evaluate the effectiveness of treatment plans (modify as necessary based on re-evaluation)

### **Learning Objectives**

- 2.a. Plan for emergencies and the delivery of paramedic services.
- 2.b. Demonstrate empathy with patients.
- 2.c. Work effectively in a team (with diplomacy).
- 2.d. Exhibit respect in diverse settings.
- 2.e. Serve as a patient advocate.
- 2.f. Practice ethical behavior.

- 2.g. Deliver careful service.
- 2.h. Demonstrate confidentiality.
- 2.i. Maintain EMS vehicles and equipment.
- 2.j. Prepare for the treatment of patients exposed to hazardous materials.
- 2.k. Apply National Incident Management System (NIMS) standards.
- 2.l. Demonstrate use of personal protective equipment.
- 2.m. Protect self and others from blood borne pathogens and infectious diseases.
- 2.n. Address scene hazards.
- 2.o. Protect self from on-scene violence.
- 2.p. Coordinate scene safety.
- 2.q. Utilize a triage system for mitigating multiple casualty incidents.
- 2.r. Demonstrate an understanding of basic patient needs.
- 2.s. Demonstrate appropriate primary survey/assessment of a patient.
- 2.t. Formulate field impression(s).
- 2.u. Formulate a working diagnosis.
- 2.v. Integrate treatment or procedures necessary to preserve life when performing a primary survey/assessment of a patient.
- 2.w. Formulate patient treatment plan(s).
- 2.x. Implement patient treatment plan(s).
- 2.y. Develop rapport with the patient.
- 2.z. Adjust communication strategies based on the situation.
- 2.aa. Select vocabulary appropriate to the audience.
- 2.bb. Demonstrate an appropriate secondary assessment/survey of a patient.
- 2.cc. Obtain vital signs.
- 2.dd. Identify cardiac arrhythmias.
- 2.ee. Apply ECG procedures.
- 2.ff. Apply electrical therapy.
- 2.gg. Apply "mechanical" (non-electrical) cardiovascular interventions.
- 2.hh. Re-evaluate the effectiveness of treatment plan(s).
- 2.ii. Modify treatment plan(s) as necessary based upon re-evaluation.
- 2.jj. Manage patient care given various patient presentations and complaints.
- 2.kk. Apply vascular access procedures.
- 2.ll. Demonstrate proficiency in calculating drug dosages.
- 2.mm. Apply appropriate use of pharmacology.
- 2.nn. Administer medications.
- 2.oo. Apply airway management procedures (refer to Wisconsin paramedic scope of practice).
- 2.pp. Utilize proper mechanics when lifting and moving patients in both emergency and non-emergency situations.
- 2.qq. Use patient movement equipment.
- 2.rr. Practice paramedicine within legal boundaries/requirements.
- 2.ss. Demonstrate proper completion of a typical patient care report.
- 2.tt. Communicate effectively with other EMS providers, dispatch, medical control, receiving facilities, and other healthcare providers.
- 2.uu. Use electronic resources and information technology (i.e. WARDS).
- 2.vv. Demonstrate HIPAA compliance.

### **3. Demonstrate paramedic skills associated with established standards and procedures for a variety of patient encounters**

#### **Assessment Strategies**

- 3.1. Skill Demonstration

#### **Criteria**

*You will know when you are successful when:*

- 3.1. you apply airway management procedures
- 3.2. you apply vascular access procedures
- 3.3. you apply EKG procedures
- 3.4. you administer medications
- 3.5. you manage trauma care
- 3.6. you apply electrical therapy
- 3.7. you apply mechanical (non-electrical) circulatory interventions

## Learning Objectives

- 3.a. Plan for emergencies and the delivery of paramedic services.
- 3.b. Demonstrate empathy with patients.
- 3.c. Work effectively in a team (with diplomacy).
- 3.d. Exhibit respect in diverse settings.
- 3.e. Serve as a patient advocate.
- 3.f. Practice ethical behavior.
- 3.g. Deliver careful service.
- 3.h. Demonstrate confidentiality.
- 3.i. Maintain EMS vehicles and equipment.
- 3.j. Prepare for the treatment of patients exposed to hazardous materials.
- 3.k. Apply National Incident Management System (NIMS) standards.
- 3.l. Demonstrate use of personal protective equipment.
- 3.m. Protect self and others from blood borne pathogens and infectious diseases.
- 3.n. Address scene hazards.
- 3.o. Protect self from on-scene violence.
- 3.p. Coordinate scene safety.
- 3.q. Utilize a triage system for mitigating multiple casualty incidents.
- 3.r. Demonstrate an understanding of basic patient needs.
- 3.s. Demonstrate appropriate primary survey/assessment of a patient.
- 3.t. Formulate field impression(s).
- 3.u. Formulate a working diagnosis.
- 3.v. Integrate treatment or procedures necessary to preserve life when performing a primary survey/assessment of a patient.
- 3.w. Formulate patient treatment plan(s).
- 3.x. Implement patient treatment plan(s).
- 3.y. Develop rapport with the patient.
- 3.z. Adjust communication strategies based on the situation.
- 3.aa. Select vocabulary appropriate to the audience.
- 3.bb. Demonstrate an appropriate secondary assessment/survey of a patient.
- 3.cc. Obtain vital signs.
- 3.dd. Identify cardiac arrhythmias.
- 3.ee. Apply ECG procedures.
- 3.ff. Apply electrical therapy.
- 3.gg. Apply "mechanical" (non-electrical) cardiovascular interventions.
- 3.hh. Re-evaluate the effectiveness of treatment plan(s).
- 3.ii. Modify treatment plan(s) as necessary based upon re-evaluation.
- 3.jj. Manage patient care given various patient presentations and complaints.
- 3.kk. Apply vascular access procedures.
- 3.ll. Demonstrate proficiency in calculating drug dosages.
- 3.mm. Apply appropriate use of pharmacology.
- 3.nn. Administer medications.
- 3.oo. Apply airway management procedures (refer to Wisconsin paramedic scope of practice).
- 3.pp. Utilize proper mechanics when lifting and moving patients in both emergency and non-emergency situations.
- 3.qq. Use patient movement equipment.
- 3.rr. Practice paramedicine within legal boundaries/requirements.
- 3.ss. Demonstrate proper completion of a typical patient care report.
- 3.tt. Communicate effectively with other EMS providers, dispatch, medical control, receiving facilities, and other healthcare providers.
- 3.uu. Use electronic resources and information technology (i.e. WARDS).
- 3.vv. Demonstrate HIPAA compliance.

## 4. Communicate effectively with others

### Assessment Strategies

- 4.1. Skill Demonstration

### Criteria

*You will know when you are successful when:*

- 4.1. you speak clearly
- 4.2. you write legibly
- 4.3. you listen actively
- 4.4. you adjust communication strategies based on the situation
- 4.5. you select vocabulary appropriate to the audience
- 4.6. you document communication accurately and concisely
- 4.7. you demonstrate HIPAA compliance
- 4.8. you use grammar and punctuation correctly
- 4.9. you use electronic resources and information technology (i.e. WARDS, ambulance run data) you demonstrate proper completion of a typical patient care report

### Learning Objectives

- 4.a. Plan for emergencies and the delivery of paramedic services.
- 4.b. Demonstrate empathy with patients.
- 4.c. Work effectively in a team (with diplomacy).
- 4.d. Exhibit respect in diverse settings.
- 4.e. Serve as a patient advocate.
- 4.f. Practice ethical behavior.
- 4.g. Deliver careful service.
- 4.h. Demonstrate confidentiality.
- 4.i. Maintain EMS vehicles and equipment.
- 4.j. Prepare for the treatment of patients exposed to hazardous materials.
- 4.k. Apply National Incident Management System (NIMS) standards.
- 4.l. Demonstrate use of personal protective equipment.
- 4.m. Protect self and others from blood borne pathogens and infectious diseases.
- 4.n. Address scene hazards.
- 4.o. Protect self from on-scene violence.
- 4.p. Coordinate scene safety.
- 4.q. Utilize a triage system for mitigating multiple casualty incidents.
- 4.r. Demonstrate an understanding of basic patient needs.
- 4.s. Demonstrate appropriate primary survey/assessment of a patient.
- 4.t. Formulate field impression(s).
- 4.u. Formulate a working diagnosis.
- 4.v. Integrate treatment or procedures necessary to preserve life when performing a primary survey/assessment of a patient.
- 4.w. Formulate patient treatment plan(s).
- 4.x. Implement patient treatment plan(s).
- 4.y. Develop rapport with the patient.
- 4.z. Adjust communication strategies based on the situation.
- 4.aa. Select vocabulary appropriate to the audience.
- 4.bb. Demonstrate an appropriate secondary assessment/survey of a patient.
- 4.cc. Obtain vital signs.
- 4.dd. Identify cardiac arrhythmias.
- 4.ee. Apply ECG procedures.
- 4.ff. Apply electrical therapy.
- 4.gg. Apply "mechanical" (non-electrical) cardiovascular interventions.
- 4.hh. Re-evaluate the effectiveness of treatment plan(s).
- 4.ii. Modify treatment plan(s) as necessary based upon re-evaluation.
- 4.jj. Manage patient care given various patient presentations and complaints.
- 4.kk. Apply vascular access procedures.
- 4.ll. Demonstrate proficiency in calculating drug dosages.
- 4.mm. Apply appropriate use of pharmacology.
- 4.nn. Administer medications.
- 4.oo. Apply airway management procedures (refer to Wisconsin paramedic scope of practice).
- 4.pp. Utilize proper mechanics when lifting and moving patients in both emergency and non-emergency situations.
- 4.qq. Use patient movement equipment.
- 4.rr. Practice paramedicine within legal boundaries/requirements.
- 4.ss. Demonstrate proper completion of a typical patient care report.
- 4.tt. Communicate effectively with other EMS providers, dispatch, medical control, receiving facilities, and other healthcare providers.

- 4.uu. Use electronic resources and information technology (i.e. WARDS).
- 4.vv. Demonstrate HIPAA compliance.

## **5. Demonstrate professional behavior**

### **Assessment Strategies**

- 5.1. Skill Demonstration

### **Criteria**

*You will know when you are successful when:*

- 5.1. you apply integrity to the position
- 5.2. you demonstrate empathy with patients
- 5.3. you assume responsibility for motivation of self and others
- 5.4. you maintain a professional appearance and personal hygiene
- 5.5. you demonstrate self-confidence
- 5.6. you manage time effectively
- 5.7. you exhibit ethical behavior
- 5.8. you practice within legal boundaries/requirements
- 5.9. you demonstrate career development skills
- 5.10. you demonstrate leadership
- 5.11. you work effectively in a team and with diplomacy
- 5.12. you exhibit respect in diverse settings
- 5.13. you serve as a patient advocate
- 5.14. you deliver careful services you demonstrate confidentiality

### **Learning Objectives**

- 5.a. Plan for emergencies and the delivery of paramedic services.
- 5.b. Demonstrate empathy with patients.
- 5.c. Work effectively in a team (with diplomacy).
- 5.d. Exhibit respect in diverse settings.
- 5.e. Serve as a patient advocate.
- 5.f. Practice ethical behavior.
- 5.g. Deliver careful service.
- 5.h. Demonstrate confidentiality.
- 5.i. Maintain EMS vehicles and equipment.
- 5.j. Prepare for the treatment of patients exposed to hazardous materials.
- 5.k. Apply National Incident Management System (NIMS) standards.
- 5.l. Demonstrate use of personal protective equipment.
- 5.m. Protect self and others from blood borne pathogens and infectious diseases.
- 5.n. Address scene hazards.
- 5.o. Protect self from on-scene violence.
- 5.p. Coordinate scene safety.
- 5.q. Utilize a triage system for mitigating multiple casualty incidents.
- 5.r. Demonstrate an understanding of basic patient needs.
- 5.s. Demonstrate appropriate primary survey/assessment of a patient.
- 5.t. Formulate field impression(s).
- 5.u. Formulate a working diagnosis.
- 5.v. Integrate treatment or procedures necessary to preserve life when performing a primary survey/assessment of a patient.
- 5.w. Formulate patient treatment plan(s).
- 5.x. Implement patient treatment plan(s).
- 5.y. Develop rapport with the patient.
- 5.z. Adjust communication strategies based on the situation.
- 5.aa. Select vocabulary appropriate to the audience.
- 5.bb. Demonstrate an appropriate secondary assessment/survey of a patient.
- 5.cc. Obtain vital signs.
- 5.dd. Identify cardiac arrhythmias.
- 5.ee. Apply ECG procedures.
- 5.ff. Apply electrical therapy.
- 5.gg. Apply "mechanical" (non-electrical) cardiovascular interventions.
- 5.hh. Re-evaluate the effectiveness of treatment plan(s).

- 5.ii. Modify treatment plan(s) as necessary based upon re-evaluation.
- 5.jj. Manage patient care given various patient presentations and complaints.
- 5.kk. Apply vascular access procedures.
- 5.ll. Demonstrate proficiency in calculating drug dosages.
- 5.mm. Apply appropriate use of pharmacology.
- 5.nn. Administer medications.
- 5.oo. Apply airway management procedures (refer to Wisconsin paramedic scope of practice).
- 5.pp. Utilize proper mechanics when lifting and moving patients in both emergency and non-emergency situations.
- 5.qq. Use patient movement equipment.
- 5.rr. Practice paramedicine within legal boundaries/requirements.
- 5.ss. Demonstrate proper completion of a typical patient care report.
- 5.tt. Communicate effectively with other EMS providers, dispatch, medical control, receiving facilities, and other healthcare providers.
- 5.uu. Use electronic resources and information technology (i.e. WARDS).
- 5.vv. Demonstrate HIPAA compliance.

## **6. Make progress toward applicable simulation, clinical and field requirements for paramedic certification(s).**

### **Assessment Strategies**

- 6.1. Skill Demonstration

### **Criteria**

*Performance will meet expectations when:*

- 6.1. you demonstrate progress toward the required competencies
- 6.2. you maintain documentation of the competencies achieved

### **Learning Objectives**

- 6.a. Plan for emergencies and the delivery of paramedic services.
- 6.b. Work effectively in a team (with diplomacy).
- 6.c. Exhibit respect in diverse settings.
- 6.d. Serve as a patient advocate.
- 6.e. Practice ethical behavior.
- 6.f. Deliver careful service.
- 6.g. Demonstrate confidentiality.
- 6.h. Maintain EMS vehicles and equipment.
- 6.i. Prepare for the treatment of patients exposed to hazardous materials.
- 6.j. Apply National Incident Management System (NIMS) standards.
- 6.k. Demonstrate use of personal protective equipment.
- 6.l. Protect self and others from blood borne pathogens and infectious diseases.
- 6.m. Address scene hazards.
- 6.n. Protect self from on-scene violence.
- 6.o. Coordinate scene safety.
- 6.p. Utilize a triage system for mitigating multiple casualty incidents.
- 6.q. Demonstrate an understanding of basic patient needs.
- 6.r. Demonstrate appropriate primary survey/assessment of a patient.
- 6.s. Formulate field impression(s).
- 6.t. Formulate a working diagnosis.
- 6.u. Integrate treatment or procedures necessary to preserve life when performing a primary survey/assessment of a patient.
- 6.v. Formulate patient treatment plan(s).
- 6.w. Implement patient treatment plan(s).
- 6.x. Develop rapport with the patient.
- 6.y. Adjust communication strategies based on the situation.
- 6.z. Select vocabulary appropriate to the audience.
- 6.aa. Demonstrate an appropriate secondary assessment/survey of a patient.
- 6.bb. Obtain vital signs.
- 6.cc. Identify cardiac arrhythmias.
- 6.dd. Apply ECG procedures.
- 6.ee. Apply electrical therapy.



- 6.ff. Apply "mechanical" (non-electrical) cardiovascular interventions.
- 6.gg. Re-evaluate the effectiveness of treatment plan(s).
- 6.hh. Modify treatment plan(s) as necessary based upon re-evaluation.
- 6.ii. Manage patient care given various patient presentations and complaints.
- 6.jj. Apply vascular access procedures.
- 6.kk. Demonstrate proficiency in calculating drug dosages.
- 6.ll. Apply appropriate use of pharmacology.
- 6.mm. Administer medications.
- 6.nn. Apply airway management procedures (refer to Wisconsin paramedic scope of practice).
- 6.oo. Utilize proper mechanics when lifting and moving patients in both emergency and non-emergency situations.
- 6.pp. Use patient movement equipment.
- 6.qq. Practice paramedicine within legal boundaries/requirements.
- 6.rr. Demonstrate proper completion of a typical patient care report.
- 6.ss. Communicate effectively with other EMS providers, dispatch, medical control, receiving facilities, and other healthcare providers.
- 6.tt. Use electronic resources and information technology (i.e. WARDS).
- 6.uu. Demonstrate HIPAA compliance.