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CRITERIA FOR ACCREDITING

ENGINEERING TECHNOLOGY PROGRAMS

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Criteria for Accrediting Engineering Technology Programs

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Definitions

Program Educational Objectives

Student Outcomes

Assessment A

Evaluation

The criteria for accreditation are in two sections.

General Criteria

(e)

(f)

(g)

(h)

(i)

(a)

(b)

(c)

(d)

(e)

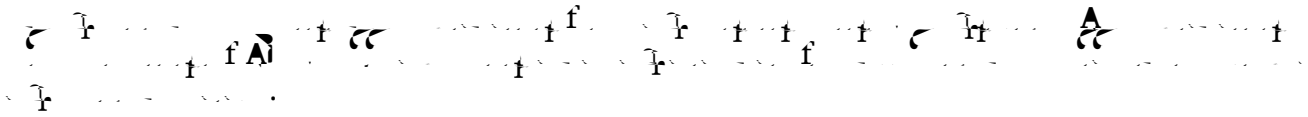
(f)

(g)

(h)

(i)

II. PROGRAM CRITERIA



PROGRAM CRITERIA FOR AERONAUTICAL ENGINEERING TECHNOLOGY AND SIMILARLY NAMED PROGRAMS

PROGRAM CRITERIA FOR ARCHITECTURAL ENGINEERING TECHNOLOGY AND SIMILARLY NAMED PROGRAMS

(a)

(b)

(c)

(d)

2.011 ( )-2 22.560 0 36.5880 0

(i)

PROGRAM CRITERIA FOR BIOENGINEERING TECHNOLOGY AND SIMILARLY NAMED PROGRAMS

PROGRAM CRITERIA FOR CHEMICAL, PROCESS, PLANT ENGINEERING TECHNOLOGY

PROGRAM CRITERIA FOR CIVIL ENGINEERING TECHNOLOGY AND SIMILARLY NAMED PROGRAMS

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(a)

(b))-1) ( )-1 ( )-.1 ( )-1

(h)

(e)

PROGRAM CRITERIA FOR CONSTRUCTION ENGINEERING TECHNOLOGY AND SIMILARLY NAMED PROGRAMS

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A

(a)

(b)

(c)

(d)

(e)

(f)

(g)

(h)

(i)

(d)

(e)

(b)

(c)

PROGRAM CRITERIA FOR ELECTROMECHANICAL ENGINEERING TECHNOLOGY AND SIMILARLY NAMED PROGRAMS

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A

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PROGRAM CRITERIA FOR ENGINEERING TECHNOLOGY AND SIMILARLY NAMED PROGRAMS

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(d)

(e)

(f)

(g)

(h)

(i)

(j)

PROGRAM CRITERIA FOR FIRE PROTECTION ENGINEERING TECHNOLOGY AND SIMILARLY NAMED PROGRAMS

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(a) ;

(b) ;

(c) ; 9

(c)

(d)

(e)

PROGRAM CRITERIA FOR INSTRUMENTATION AND CONTROL SYSTEMS ENGINEERING TECHNOLOGY AND SIMILARLY NAMED PROGRAMS

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A

A

(a)

(b)

(c)

(d)

(e)

(f)

(g)

(h)

(a)

(b)

PROGRAM CRITERIA FOR MANUFACTURING ENGINEERING TECHNOLOGY AND SIMILARLY NAMED PROGRAMS

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PROGRAM CRITERIA FOR MARINE ENGINEERING TECHNOLOGY AND SIMILARLY NAMED PROGRAMS

PROGRAM CRITERIA FOR MECHANICAL ENGINEERING TECHNOLOGY AND SIMILARLY NAMED PROGRAMS

I. PROGRAM CRITERIA FOR ASSOCIATE LEVEL PROGRAMS

(a)

(b)

(c)

(d)

(e)

PROGRAM CRITERIA FOR NUCLEAR ENGINEERING TECHNOLOGY AND SIMILARLY NAMED PROGRAMS

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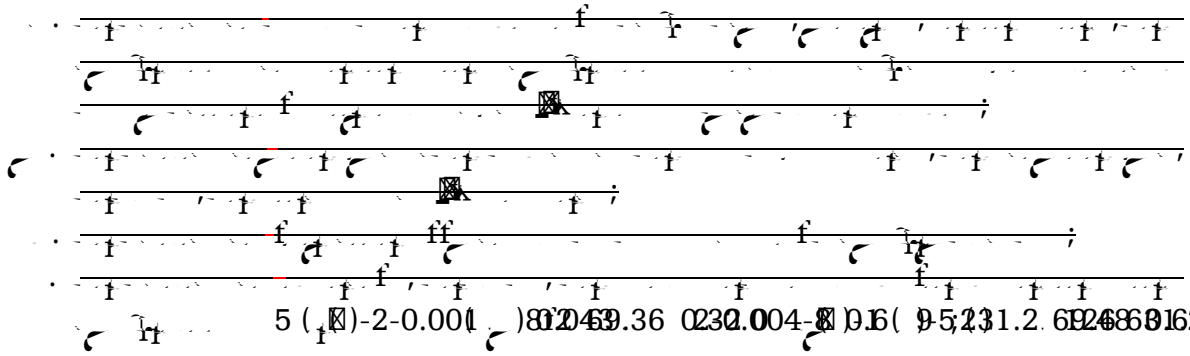
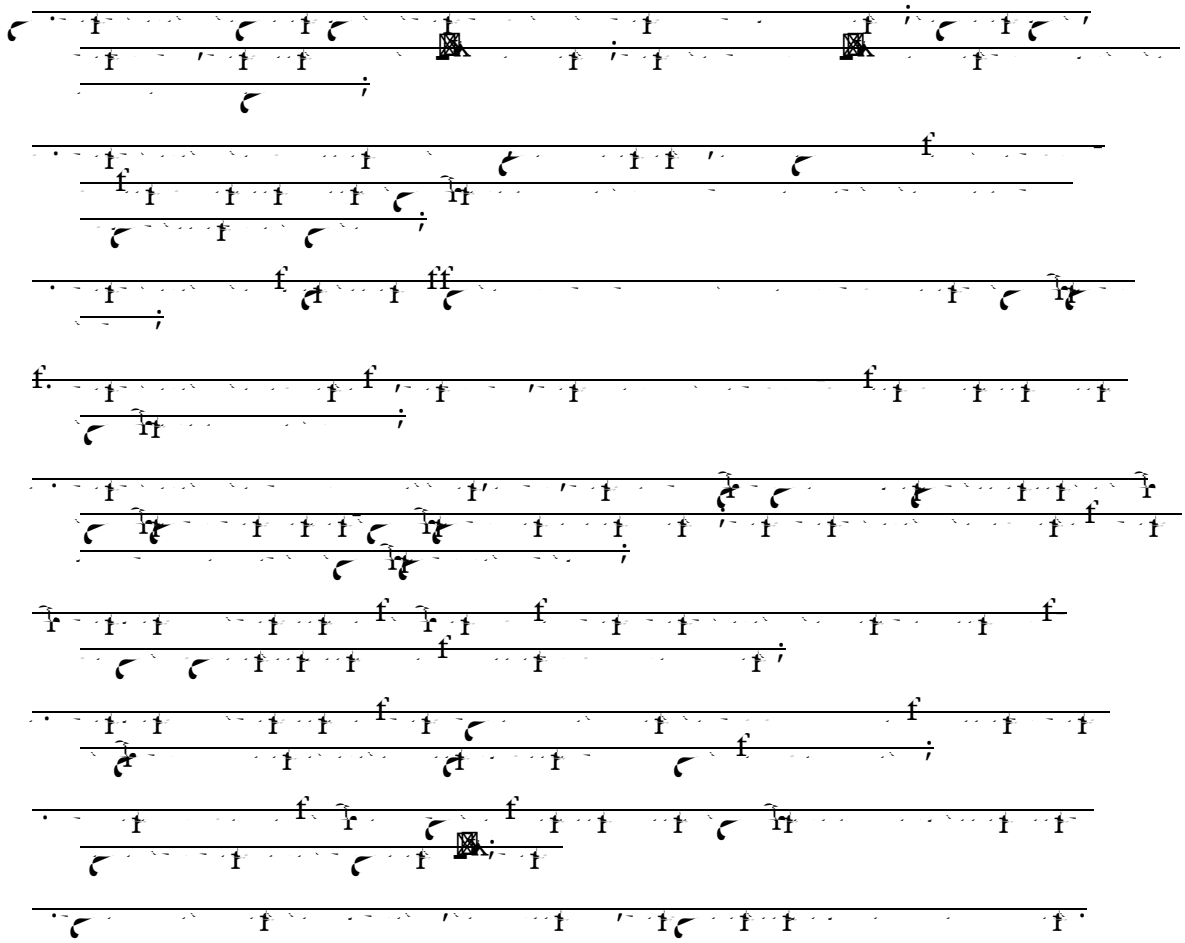
PROGRAM CRITERIA FOR TELECOMMUNICATIONS ENGINEERING TECHNOLOGY

(e)

(f)

(g)





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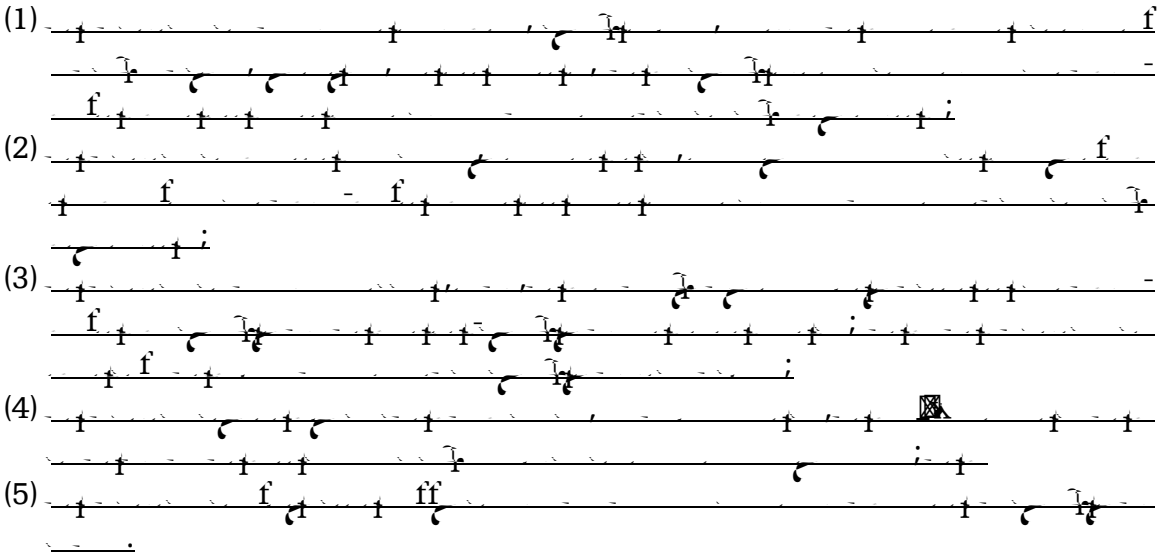
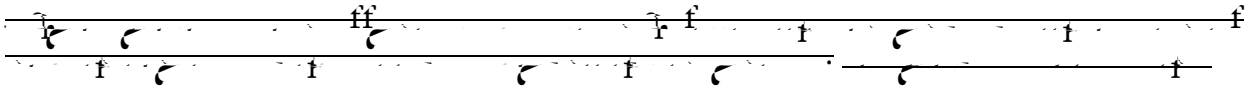
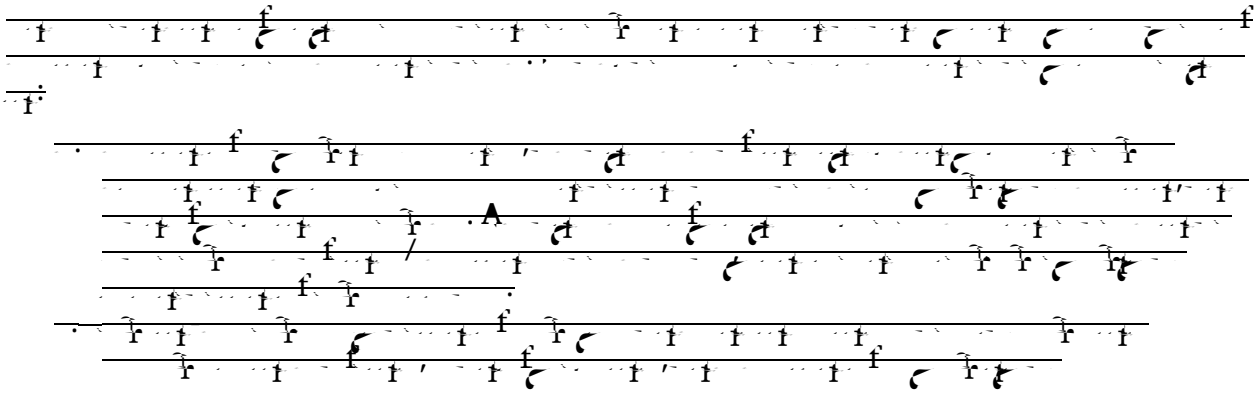
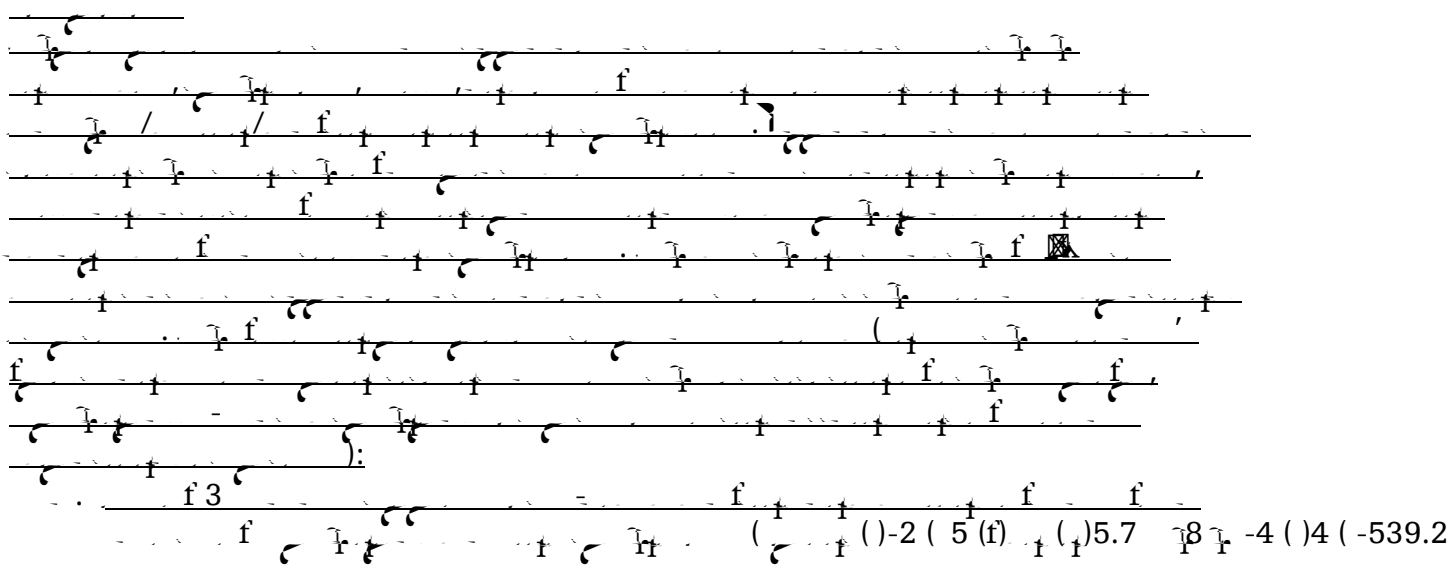


Criterion 5. Curriculum

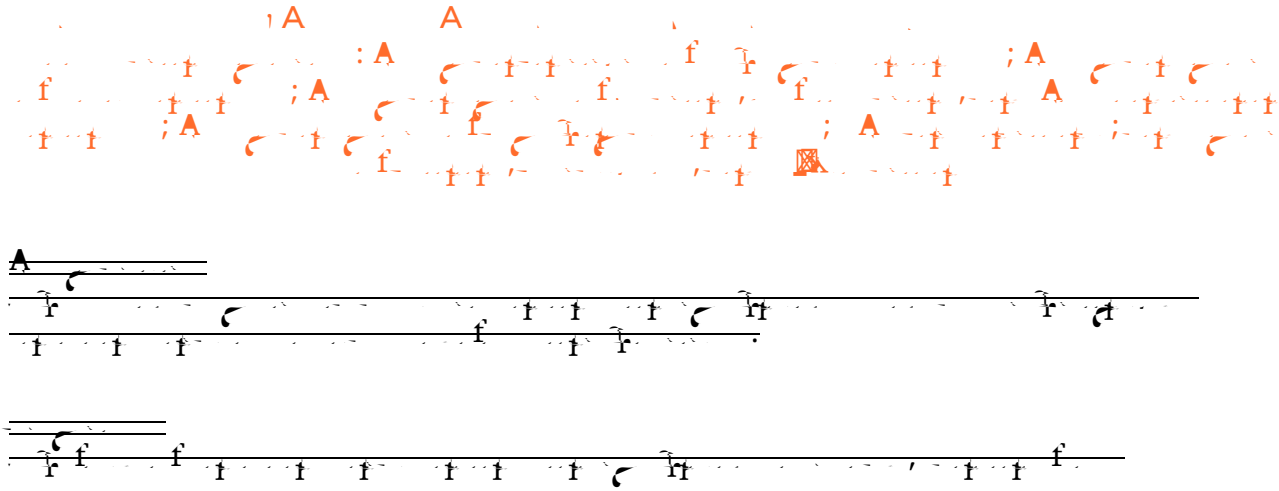


PROGRAM CRITERIA FOR
ENGINEERING GRAPHICS /DESIGN/DRAFTING/DESIGN

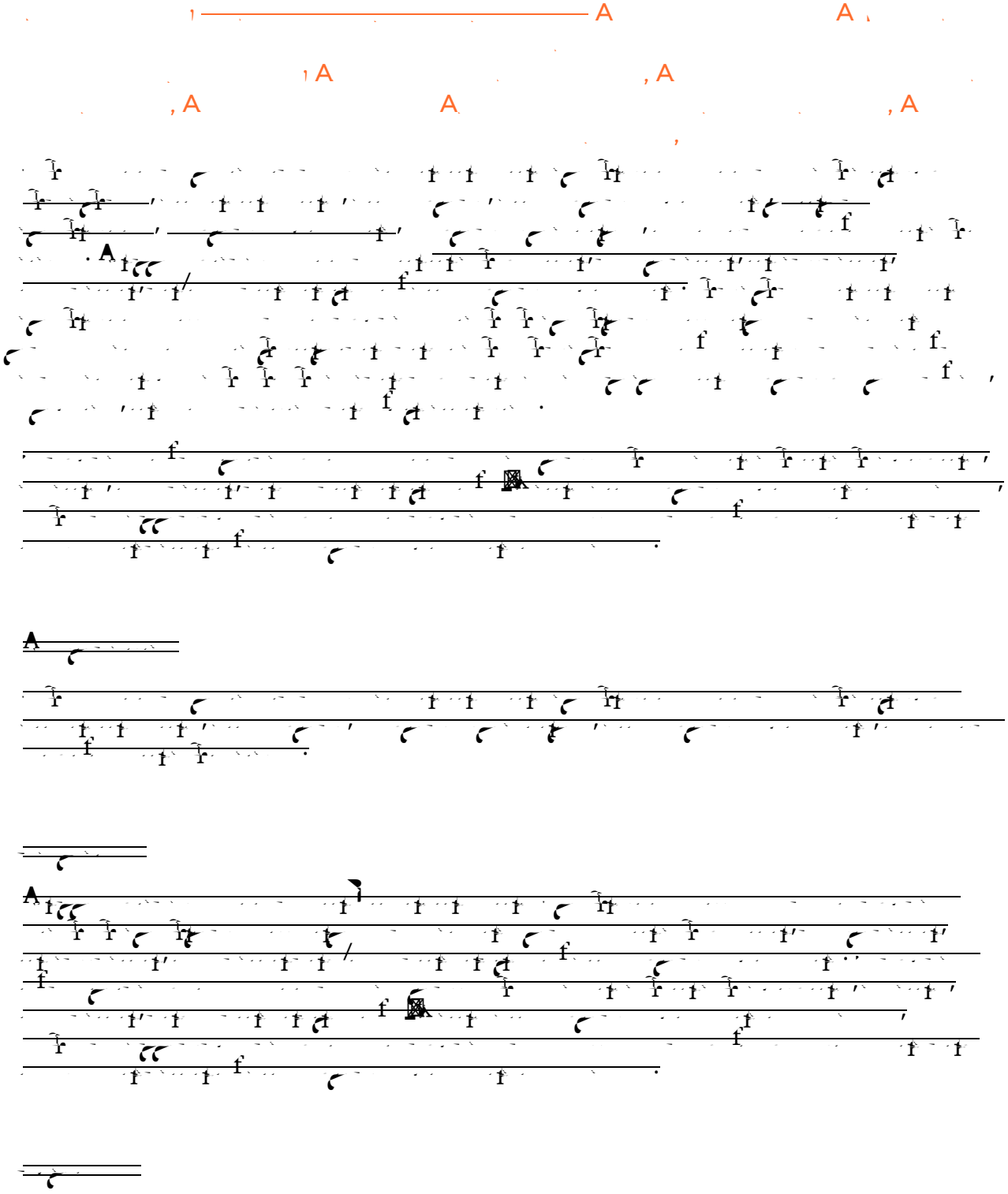


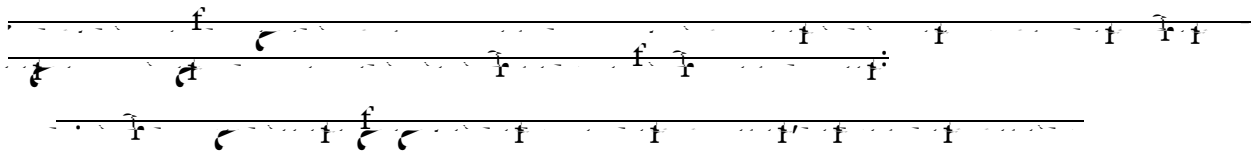


PROGRAM CRITERIA FOR ENVIRONMENTAL ENGINEERING TECHNOLOGY AND SIMILARLY NAMED PROGRAMS



PROGRAM CRITERIA FOR
~~BIOENGINEEERING~~ HEALTHCARE ENGINEERING TECHNOLOGY
AND SIMILARLY NAMED PROGRAMS

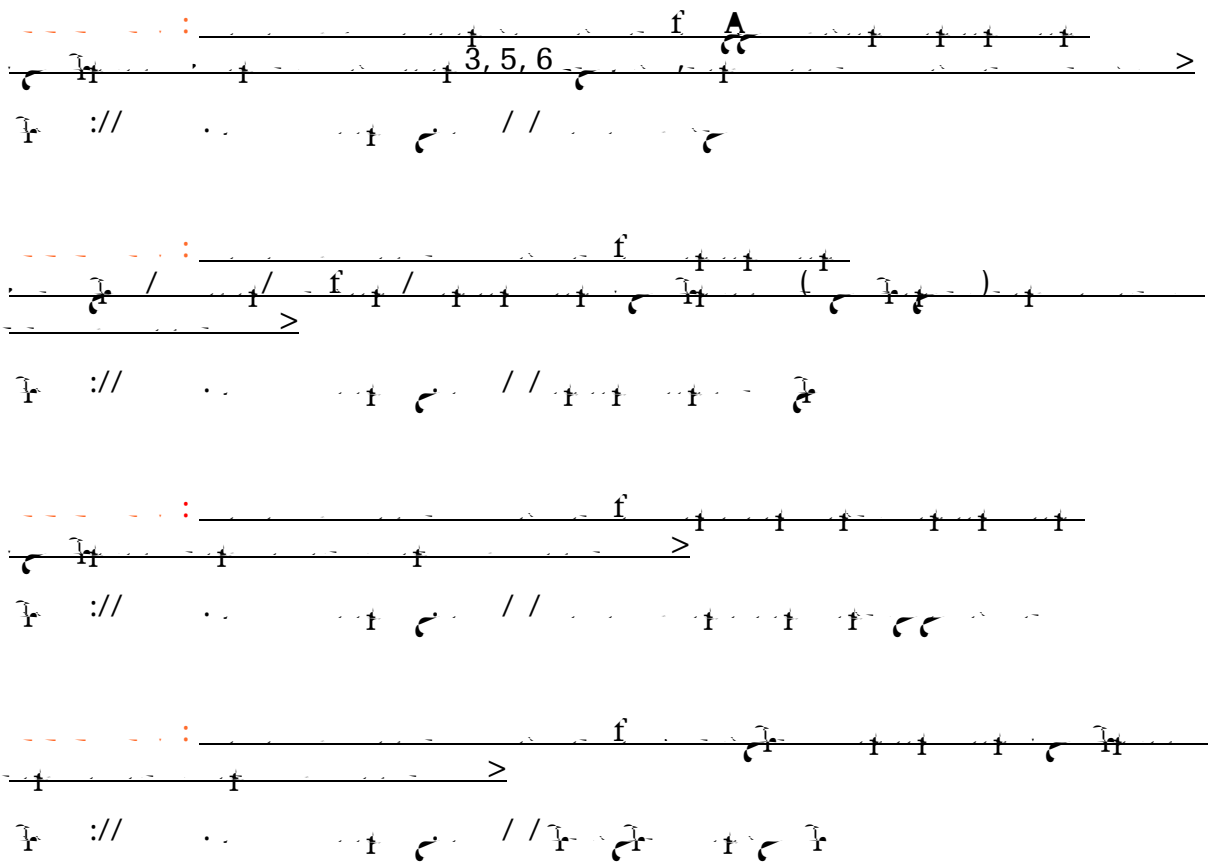




II. PROGRAM CRITERIA FOR BACCALAUREATE LEVEL PROGRAMS

Curriculum

The curriculum must prepare baccalaureate degree graduates with the knowledge, techniques, skills, and use of modern equipment in healthcare engineering technology. Baccalaureate degree graduates will be well prepared to support the use of medical devices in healthcare, focusing on selecting safe and effective medical equipment, maintenance of medical equipment and systems, contribute toward improving patient outcomes, educating clinical staff, and controlling costs through financial stewardship.

The curriculum for baccalaureate degree programs must include analog and digital electronics, medical device principles, applicable codes and regulations, medical vocabulary, the structure and function of the human body, an internship at a clinical site, as well as IT concepts including computers, peripherals, networks, cybersecurity, and software. In addition, baccalaureate degree curriculum must include asset management, imaging modality fundamentals, risk analysis, and process improvement. The curriculum will prepare graduates to have competency in the following curricular areas:

a. the interaction of medical equipment* with the human body;
b. the principles of medical equipment, safety and operational tests, the use of test results in order to improve processes and ensure that equipment is functioning properly and safely with appropriate documentation;
c. the clinical application of computer networks, networking protocols, and medical device interoperability including data security and privacy standards;
d.